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CITY GOVERNMENT
1896

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FIRST ANNUAL MESSAGE

—OF—

HENRY P. SCHERER,

MAYOR OF FORT WAYNE,

—WITH—

ANNUAL REPORTS OF

HEADS OF DEPARTMENTS

OF THE

CITY GOVERNMENT,

FOR THE

FISCAL YEAR, ENDING DECEMBER 31, 1896.

Fort Wayne City Government.

1896.

Fort Wayne City Government.

1896.

HENRY P. SCHERER.....	Mayor
HENRY B. MONNING.....	Clerk
HENRY C. BERGHOFF.....	Comptroller
JOHN G. NOLL.....	Deputy Comptroller
WILLIAM H. SHAMBAUGH.....	City Attorney
FRANK M. RANDALL.....	Civil Engineer
DANIEL MCKENDRY.....	Assistant Civil Engineer
HOMER A. GORSLINE.....	Superintendent of Police
WILLIAM BORGMAN.....	Captain of Police
HENRY LAPP.....	Lieutenant of Police
FRED DASSLER.....	Sargeant of Police
HENRY HARKENRIDER.....	Sargeant of Police
HENRY HILBRECHT.....	Chief of Fire Department
AUGUST GOERS.....	Custodian of Parks
FRANK WEBER.....	Street Superintendent
PETER G. HOHNHAUS.....	Foreman Street Repairs
HENRY BUTKE.....	Weighmaster
WILLIAM ROPA.....	Marketmaster
JOHN TREMMEL.....	Poundmaster

TRUSTEES OF WATER WORKS.

WILLIAM BITTLER, EMMET H. McDONALD,
MURRAY HARTNETT.

P. J. McDONALD, Clerk.

TRUSTEES OF PUBLIC SCHOOLS.

A. E. HOFFMAN, SAMUEL M. FOSTER,
WILLIAM P. COOPER.

J. N. STUDY, Superintendent of Public Schools.

Members of Common Council.

COUNCILMEN AT LARGE.

R. J. FISHER. JOHN MOHR, JR. WM. MEYER, JR.
CHARLES WALTEMATH. F. E. PURCELL.

WARD COUNCILMEN.

- | | |
|-------------------|---------------------|
| 1. WM. H. TIGAR, | 6. W. M. GLENN, |
| 2. H. G. SOMMERS, | 7. P. J. SCHEID, |
| 3. H. G. NIERNAN, | 8. C. H. BUHR, |
| 4. C. W. WELLER, | 9. F. X. SCHULER, |
| 5. C. HAAG, | 10. B. BORKENSTEIN. |

STANDING COMMITTEES OF COMMON COUNCIL.

FINANCE—Mohr, Tigar, Fisher, Waltemath, Glenn.

RULES, REGULATIONS AND ORDINANCES—Purcell, Schuhler,
Glenn.

JUDICIARY—Sommers, Weller, Glenn.

PRINTING—Buhr, Schuhler, Glenn.

ELECTIONS—Nierman, Glenn, Wm. Meyer, Jr.

CONTRACTS AND FRANCHISES—Meyer, Purcell, Glenn, Mohr,
Nierman.

FEES AND SALARIES—Fisher, Glenn, Borkenstein.

STREET LIGHTS—Tigar, Mohr, Glenn, Borkenstein.

EDUCATION—Schuhler, Glenn, Nierman.

STREETS AND ALLEYS—Waltemath, Haag, Glenn.

WATER WORKS—Scheid, Tigar, Glenn.

PARKS—Weller, Schuhler, Glenn.

PUBLIC HEALTH—Haag, Glenn, Nierman.

PUBLIC PROPERTY—Borkenstein, Glenn, Buhr.

Department of Administration.

DEPARTMENT OF FINANCE.

HENRY C. BERGHOFF, - - - - Comptroller.
JOHN G. NOLL, - - - - Deputy Comptroller.

DEPARTMENT OF LAW.

WILLIAM H. SHAMBAUGH, - - - City Attorney.

BOARD OF PUBLIC WORKS.

PETER EGGEMANN, Chairman.

P. H. KANE.

J. K. McCracken.

BOARD OF PUBLIC SAFETY.

CHARLES McCULLOCH, Chairman.

A. I. FRIEND.

GEORGE H. WILSON.

BOARD OF PUBLIC HEALTH AND CHARITIES.

DR. A. J. KESLER, Secretary.

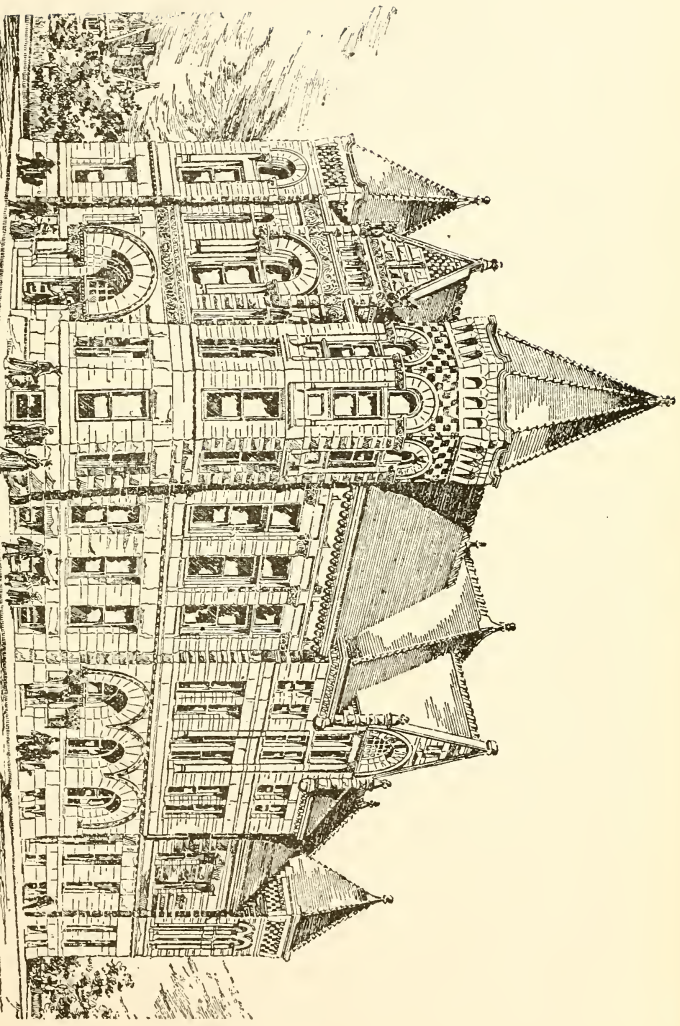
DR. JAMES E. MILLER.

DR. CARL SCHILLING, Chairman.

DR. L. P. DRAYER, - - - City Bacteriologist.

A. M. SCHMIDT, - - - Clerk of Official Board.

BESSIE E. MANNIX, - - - - Assistant Clerk.



CITY HALL.

MAYOR'S MESSAGE.

EXECUTIVE DEPARTMENT,
OFFICE OF THE MAYOR, CITY HALL,
FORT WAYNE, IND., January 1st, 1897. }

Gentlemen of the Common Council:

I have the pleasure of submitting to your honorable body the detailed reports of the heads of the different departments of the city government for the fiscal year of 1896. I invite your careful attention and study to each of them, and by so doing it will be unnecessary for me to review them at any length.

CITY CHARTER.

The city charter has been thoroughly tested for the last three years under democratic as well as republican rule, and it has proven itself to be the law needed to conduct the public business of a city like ours. I have called the city attorney's attention to a few changes that ought, in my judgment, be made in one or more of the charter's sections pertaining to street improvements, and I hope the present legislature will make them. Aside from this, the charter is working well for

the interest of all citizens, and should not be juggled with for political purposes.

DEPARTMENT OF FINANCE.

The report of the city comptroller submitted to you will show that although the revenues, on account of the stringency of times and the reduction of fifteen cents (.15) per hundred from the tax rate of the former administration, have not been as plentiful as in the preceding year, yet the city government has promptly met all of its obligations, and not only avoided a deficit, but has added more to its credit. During the year additional appropriations to the amount of \$10,457.35 were granted for different purposes, such as new streets, sewers, etc., and by wise and economical management, the city has not only been able to live within its income, but has today a cash balance on hand of \$90,575.44 against \$86,071.81 on January 1st, 1896. The bonded debt has been decreased \$8,000, and the sinking fund, which on January 1st, 1896, had but \$10,781.91 to its credit, shows today a balance of \$14,253.64. All debts contracted by any of the departments in the preceding year have been fully satisfied and not a single bill remains unpaid against the city on January 1st, 1897; this being true, each department can go to work with a full appropriation for the new year, and not be handicapped by any over-drafts. If we consider the damages done by heavy rains last fall to our sewer system and the extra improvements made, the money expended on parks and filling the west side gravel pit, I think the department of finance shows the most gratifying results.

DEPARTMENT OF PUBLIC WORKS.

The members of this board have been faithful servants to the public, as every one of them has given his entire time and

attention to the work undertaken, and the result has been that all classes of property owners who have come in contact with them are fully satisfied with their doings, and not a single complaint about work has come to my ears concerning them. All the work undertaken by the board has been done at the very lowest figures obtainable and in a substantial and careful manner, so that the improvements made will compare favorably in point of material and construction with the best of its kind in existence. No improvements were made except those petitioned for by the property owners.

PARKS.

Our parks have been well taken care of, and I sincerely hope that all of them will be completed within a very short time. I would suggest to the members of the board that for the accommodation of the citizens living in Nebraska, a foot bridge be built as soon as possible across St. Marys river to Swinney park, so that that section of the city may have easy access to the park and enjoy the advantages thereof.

Reservoir park should also have your immediate attention. As the water works trustees have agreed to lay the walks around the base of the reservoir, the city should complete the grading and sidewalks as soon as practicable.

The Soldiers' Monument, erected in the Ninth ward park by some of our public-spirited citizens, seems to be somewhat out of proportion to the base upon which it rests, and I would therefore recommend that a sufficient amount of money be taken from the monument fund to raise the base as designed by architects, and that the spot around this worthy monument be beautified as well as the surroundings will permit.

SEWERAGE.

I would also call the attention of the board to the importance of the relief of South Wayne by the construction of a public sewer. This problem is very difficult to solve, and I ask that special attention be given to it by all interested, and that plans and specifications be prepared in sufficient time for a thorough examination during this year so that the construction may be undertaken in 1898.

ELECTRIC LIGHTS.

The electric light system of this city is perfect and cannot be surpassed by that of any other city in the country. The distribution of light has been well made, and wherever it is necessary new lights should be placed.

GARBAGE SYSTEM.

Our garbage system has been tried only for a short time, and I must say with most satisfactory results. Some improvements might be made in the storage and collection of garbage, and I would recommend that if possible a uniform receptacle for garbage be adopted by the citizens, so that the garbage might be gathered more easily and the receptacle be clean at all times.

The perforated tin garbage can system, such as is in use in many cities could be adopted with only a trifle expense to each householder. This system would materially improve the sanitary condition of the city. Two more garbage wagons should be added from May until November, to take care of the heavy accumulations of garbage during the fruit and vegetable season. I would also, in conclusion, recommend that all the labor employed on streets and parks be employed for such hours as the law of the state demands, eight hours. This

will give additional employment to a good many worthy and needy men, and aid some of them to at least make a living during these hard times.

BOARD OF SAFETY.

The board of safety, I must say, has performed a difficult task under trying circumstances, in keeping not only intact. but in raising our police and fire departments to a standard equal to that of any city of the same size. The police department, as constituted now, is fully up to all requirements and emergencies, but I believe that with the growth of the city the force should be increased in proportion so as to give proper protection to all parts of the city. Under the vigilant care of the head of this department, very few crimes have been committed in this city during the last year, and the parties who did commit them were promptly arrested, tried and sentenced.

FIRE DEPARTMENT.

This important department of public safety has done gallant service, and I may congratulate our citizens upon the few and very light losses sustained from fire. This system is about as complete as it can be, but the same recommendations hold good here as in the police department. the service should be increased in proportion to the increase of population and territory. I would recommend that, as soon as our finances will permit, an engine house be built and equipped for that part of the city lying west of the St. Marys river, also one in South Wayne. The engine now in use in house No. 2 has been in service for about thirty years, and should be replaced by a new one.

CITY ELECTRICIAN.

A petition has been recently addressed to the city council asking for the appointment of a city electrician, whose duties

it will be to examine all public and private buildings for proper wiring. I do think this matter is important and should be investigated, as electricity is daily coming more and more in use, and will soon be a very potent factor in civilized life. The careful wiring of buildings will have a tendency to reduce the risk of fire from defective wires, and probable save thousands of dollars to the people, as well as the insurance companies. If you should find it expedient to employ such an electrician, I think it about time for the different fire insurance companies of this city to reduce the rates of insurance, and steps should be taken by all citizens alike to bring about this result. We have in the last fifteen years improved our fire and water works departments to a high standard, and still insurance rates have been continually increasing. I don't believe a city like Fort Wayne should be made to furnish the surplus revenue with which to pay heavy losses on cheap rated risks in larger cities.

DEPARTMENT OF HEALTH.

This department has done good work, careful and personal attention having been given to their respective duties. I can say that this city has shown less contagious diseases during last year than any time previous. The office of city bacteriologist has materially assisted every physician in the city in the diagnosis of diphtheria and other contagious diseases, and has been one of the main causes in reducing the death rate of our city. This department should be encouraged by all citizens in the performance of its duties, as any assistance rendered them will benefit every individual.

DEPARTMENT OF LAW.

There have been no judgments rendered against this city during the past year. The judgments and claims allowed

previous to 1896 have been compromised and paid, and I hope that during the next year every officer in the city government by carefully attending to his duties, will prevent any cause for damage suits or complaints.

WATER WORKS.

The annual report of this department, which will be submitted to you, shows that our water works system is nearly completed and operated upon a paying basis, and that the reductions made in rates to consumers will not materially interfere with the revenues. I am convinced, however, that the question of "Water Supply" is still a serious one, and should very soon be solved. I therefore direct the attention of the board of trustees, as well as the committee on water works, to this important fact, and would ask them to use every effort to finally and effectually determine upon the ways and means of obtaining a sufficient supply of pure and wholesome water for all purposes. If this is accomplished we can with pride point to our water works as the best owned by any city.

DEPARTMENT OF EDUCATION.

Our public schools speak for themselves. They need no commendation. They have been managed by a board of trustees who are thoroughly competent and who have placed at the head of our educational institutions a man as superintendent who is known to be as worthy and efficient as any one in the state. The standard of our schools has been steadily improved, and I hope that under the careful management of the present board they will continue to do so.

In conclusion I wish to extend to your honorable body, as well as all other officers of the city government, my best

thanks for the courtesy you have shown me, and the fidelity with which all have discharged their trust, and I hope to receive during the ensuing year your cordial support, so that when our term is ended we may merit the approbation of the people whose servants we are.

Very respectfully,

HENRY P. SCHERER,
Mayor.

Department of Law.

1896.

DEPARTMENT OF LAW.

FIRST ANNUAL REPORT

—OF—

WILLIAM H. SHAMBAUGH,

CITY ATTORNEY,

FOR THE

Fiscal Year Ending December 31st, 1896.

Report of City Attorney.

OFFICE OF THE CITY ATTORNEY, }
FORT WAYNE, IND., JANUARY 1, 1897. }

To the Mayor of the City of Fort Wayne, Indiana:

SIR—As provided by section 59 of the charter, I herewith submit to you for your consideration a report embracing in detail the business transacted in the department for the year ending December 31st, 1896. My connection with the business of the department for the year commenced May 11th, 1896, and ended December 31st, 1896. During that time four cases were brought against the city for damages; two of those were settled by contractors without any cost to the city, and the other two, viz., “Evans vs. the City” and “Russman vs. the City,” are still pending. Aside from that there were four cases brought against the Board of Public Safety by discharged firemen and policemen, wherein they are seeking to be reinstated in the services of the city, charging that they had been wrongfully discharged. The issues in one of the cases have been closed and argued and awaits the ruling of the court. The case of “the City of Fort Wayne vs. the Lake Shore railroad,” tried in the early part of the year, has by the

city been appealed to the Supreme Court. It has been briefed, and it is hoped that the court will dispose of it at an early date.

The court dockets, as relating to the city, show the following cases pending, some of recent date and others of long standing:

Russman <i>vs.</i> City, demand.....	\$5,000
Evans <i>vs.</i> City, demand.....	1,000
City of Fort Wayne <i>vs.</i> Doeberman, demand....	1,400
Seymour Smith <i>vs.</i> City, in Federal Court, demand	9,000
Volney Parks <i>vs.</i> City, Appeal from Street Opening Assessment.....	
Ross <i>vs.</i> City.....	

The case of "Smith *vs.* City" is the one in which plaintiff demands \$9,000 for crematory that by him was constructed and the city refused to take it for the reason that it was not according to contract.

It is not being pushed by plaintiff very vigorously, and I am led to believe that the city has a valid defense. The case of "Ross *vs.* the City" dates back to the year 1890. Plaintiff is seeking to recover damages for an infringement of a patent. The case since then has been in the hands of S. R. Alden, who at that time was employed as special counsel. Eventually it will have to be disposed of in some way.

Careful attention has been given by the boards in matters pertaining to their different departments, and fewer law suits have been the results. There has been no judgment rendered against the city during the year, and hence the department

has been to but a small expense. The expense of the department is set out in detail in Comptroller's report and it will be unnecessary for me to duplicate it here.

Very truly yours,

W. H. SHAMBAUGH,
City Attorney.

Department of Finance.

1896.

City of Fort Wayne, Indiana.

FIRST ANNUAL REPORT

—OF—

HENRY C. BERGHOFF,

CITY COMPTROLLER,

FOR THE

Fiscal Year Ending December 31st, 1896.

HENRY C. BERGHOFF, - - Comptroller.

JOHN G. NOLL, - - Deputy Comptroller.

Department of Finance.

OFFICE OF COMPTROLLER,
FORT WAYNE, Ind., Jan. 25, 1897. }

To His Honor the Mayor and Common Council:

GENTLEMEN—In accordance with the provisions of section 59, city charter, I hereby submit my annual report, together with the City Treasurer and Auditor's report of the receipts and expenditures of the city during the past year 1896, setting forth in detail all money expended by the different departments, the balances on hand and a general statement of all assets and liabilities of the city.

It is unnecessary for me to further explain any of the amounts, as they show for themselves. All I wish to say is that I am convinced that the strictest economy has been observed by the heads of all departments, and the result has been that with reduced revenues and large public improvements made, I show a net balance to the credit of the city of \$90,575.44 on January 1st, 1897, against \$86,071.81 on January 1st, 1896, and after paying \$8,000 on the bonded debt, a balance in the sinking fund of \$14,253.64 against \$10,781.91 on January 1st, 1896.

Respectfully submitted,

HENRY C. BERGHOFF,
Comptroller.

RECEIPTS.

Total amount of balances standing to the credit of all appropriation and special accounts on the 31st day of December, 1895, and brought forward to the year 1896, as shown on page 35 of the annual reports for the year 1895, itemized as follows:

General Appropriation Fund.....	\$72,979 09	}
Sinking Fund	10,787 91	
Public Library.....	2,377 80	
Street Special.....	463 01	
		\$ 86,607 81

Received during the year—Street Special Assess-		
ments for Street and Alley Openings.....	2,547 59	
From Liquor Licenses.....	16,400 00	
“ Peddlers’ Licenses.....	223 00	
“ Exhibition and Shooting Gallery Licenses..	370 00	
“ Billiard and Pool Table Licenses.....	420 00	
“ Vehicle Licenses.....	5,752 79	
“ Pawnbrokers’ Licenses.....	325 00	
“ Sewer Builders’ Licenses.....	58 00	
“ City Scales Receipts.....	1,790 20	
“ City Pound Receipts.....	10 00	
“ Market Receipts.....	1,059 90	
“ Mayor’s Fines and Fees.....	380 85	
“ Comptroller’s Fees.....	663 50	
“ Auctioneers’ Licenses.....	10 00	
“ Pole Licenses	4,340 00	
“ Pipe Licenses.....	1,083 13	
“ Dog Tags.....	502 60	
“ Sewer Flushing License.....	2 00	

From Steam Roller.....	940 01
“ Tags.....	90
“ Collection for Advertising.....	14 56
“ Old Copper Sold by Fire Department.....	19 78
“ Assessment Sheets Sold.....	20
“ Old Iron Sold by Street Commissioners.....	21 40
“ Sand and Gravel Sold B. P. W.....	30 57
“ Old Iron Sold B. P. W.....	68 28
“ Deposit Home Telephone Co.....	2,000 00
“ Taxes	217,848 79
<hr/>	
Total Receipts.....	\$343,490 86

RECAPITULATION.

Balance from year 1895.....	\$ 86,607 81
Receipts During Year 1896.....	256,883 05
<hr/>	
Total Receipts 1896.....	\$343,490 86

DISBURSEMENTS.

Claims audited and warrants drawn therefor.	
For General Appropriation accounts,	
Itemized further on under the various Appropriation accounts.....	\$233,300 47
For Redemption of Bonds.....	8,000 00
“ Public Library, “School Trustees”	5,618 48
“ Firemen’s Pension Fund.....	1,296 27
“ Street Special Damages paid }	
“ Account St. and Alley openings }	2,700 20
“ Home Telephone Co. deposit.....	2,000 00
	<u>\$252,915 42</u>
Balance Available	\$ 90,575 44

SUMMARY.

Total Receipts, including balance from year 1896.	\$343,490 86
“ Disbursements	<u>252,915 42</u>
Balance to Credit of all Appropriation and Special Accounts on Dec. 31st, 1896.....	} \$ 90,575 44
The above balance stands to Credit of Sundry Accounts on the Books, as follows:	
General Appropriation Account.....	\$71,375 79
Sinking Fund.....	14,253 64
Public Library	2,492 17
Street Special.....	310 40
Firemen’s Pension Fund.....	996 86
Monument Fund.....	1,146 58
Total	<u>\$ 90,575 44</u>

ITEMIZED STATEMENT

OF THE

Appropriation Accounts

SHOWING AMOUNTS APPROPRIATED, CLAIMS AUDITED AND
BALANCES ON THE 31ST OF DECEMBER, 1896.

Salaries of Officers and Clerks.

Amount Appropriated	\$18,850 00	
Claims Audited.....	18,840 31	\$18,840 31
Balance	9 69	

Interest on Sundry Claims.

Amount appropriated.....	\$ 600 00	
Claims audited.....	170 16	170 16
Balance	\$ 429 84	

Incidentals of Comptroller's Office.

Amount appropriated.....	\$ 200 00	
Claims audited.....	186 85	186 85
Balance	\$ 13 15	

City Election Expense.

Amount appropriated.....	\$ 2,340 46	
Claims audited.....	2,340 46	2,340 46

Interest on Bonded Debt.

Amount appropriated.....	\$38,732 50	
Claims audited.....	36,563 00	36,563 00
Balance	\$ 2,169 50	
Coupons outstanding amounting to...	1,482 50	
Balance to be returned....	\$ 687 00	

Fred J. Hayden Claim.

Amount appropriated.....	\$ 1,000 00	
Claims audited.....	1,000 00	1,000 00

Miller & Moritz Claim.

Amount appropriated.....	\$ 1,000 00	
Claims audited.....	1,000 00	1,000 00

Jno Orff Claim.

Amount appropriated.....	\$ 1,375 00	
Claims audited.....	1,375 00	1,375 00

Refunder Account "Liquor Licenses."

Amount appropriated	\$ 288 00	
Claims audited	288 00	288 00

Refunder Account "Taxes."

Amount appropriated.....	\$ 253 00	
Claims audited.....	253 00	253 00

Incidental Expenses Department of Law.

Amount appropriated.....	\$ 300 00	
Claims audited.....	\$222 00 }	
Transferred to mis. claim acct 31 50 }	253 50	222 00
Balance	46 50	

Miscellaneous Claim Account.

Amount appropriated	\$ 2,798 75	
Claims audited.....	2,798 75	2,798 75

Water Works Trustees.

Amount appropriated.....	\$20,000 00	
Voucher drawn.....	15,000 00	15,000 00
Balance	5,000 00	
Total Department of Finance	\$80,037 53	

Advertising and Printing.

Amount appropriated.....	\$ 600 00	
Claims audited.....	522 10	522 10
Balance	\$ 77 90	

Blank Books and Stationery.

Amount appropriated.....	\$ 1,000 00	
Claims audited.....	\$809 98	809 98
Transferred to Public Building and Grounds.....	190 02 1,000 00	

City Hall Account.

Amount appropriated.....	\$2,200 00	
Amount added by Treas.		
Receipt	40 14 \$ 2,240 14	
Claims audited.....	2,240 14	2,240 14

Expense City Engineer's Office.

Amount appropriated.....	\$ 1,400 00	
Claims audited.....	\$1,350 64	1,350 64
Transferred to Public Build- ings and Grounds.....	49 36 1,400 00	

Disposal of City Garbage.

Amount appropriated.....	\$7,000 00	
By transfer from Public Light	200 00	
By receipt from Treasurer.....	6 98 7,206 98	
Claims audited.....	7,206 98	7,206 98

Furniture and Fixtures.

Amount appropriated.....	\$ 300 00	
Claims audited.....	\$294 00	294 00
To Public Buildings and Grounds	6 00 300 00	

Insurance.

Amount appropriated.....	\$900 00	
Transferred from Bridges.....	39 00	\$939 00
<hr/>		
Claims audited	920 25	920 25
To Public Buildings and		
Grounds.....	18 75	939 00
		<hr/> <hr/>

Public Buildings and Grounds.

Amount appropriated.....	\$800 00	
Transferred from Bridges....	61 00	
“ “ Sewers	26 56	
“ Expense City En-		
gineer's office.....	49 36	
Transferred Blank Books and		
Stationary	190 02	
Transferred Public Lights...	115 00	
Transferred Add. Clerical		
Force B. P. W.....	37 90	
Transferred Furniture and		
Fixtures.....	6 00	
Transferred Insurance.....	18 75	
Transferred Main and Repair		
St. Special	4 16	
From receipt Treasurer.....	30 57	1,339 32
		<hr/>
Claims audited.....	1,339 32	1,339 32
		<hr/> <hr/>

Public Light.

Amount appropriated.....	\$29,500	00	
Claims audited.....	\$29,180	39	29,180 39
Transferred Public Build- ings and Grounds.....	115	00	
Transferred to Disposal of Garbage	200	00	29,495 39
Balance	\$	4	61

Sewers.

Amount appropriated.....	\$	2,200	00	
Transferred from Bridges.....		370	00	
“ “ Drinking Fountains		280	67	
“ “ New St. Intersection		100	00	
		2,950	67	
Claims audited.....	\$2,924	11		2,924 11
To Public Grounds and Build- ings.....	26	56	2,950	67

Maintainance and Repair of Street Special.

Balance on hand December 31, 1895...	\$	2	56	
Amount appropriated, being proceeds of Vehicle Licenses.....		5,756	18	
Receipts L. C. Hunter, Treas		21	40	
		5,780	14	
Claims audited.....	\$5,775	98		5,775 98
To Public Grounds and Build- ings	4	16	5,780	14

Maintainance and Repair of Streets.

Amount appropriated.....	\$ 2,000 00	
Transferred from Street Cleaning ac-		
count	900 00	
Transferred from New Street Inter-		
sections	400 00	
Receipt L. C. Hunter, Treas	14 38	
	<u>3,314 38</u>	
Claims audited.....	3,314 38	3,314 38

Street Cleaning.

Amount appropriated.....	\$ 7,000 00	
From New Street Intersections.....	700 00	
	<u>7,700 00</u>	
Claims audited	\$6,800 00	6,800 00
Transferred to Maintainance		
and Repairs of Street ac-		
count.....	900 00	7,700 00

New Street Intersections.

Amount appropriated.....	\$ 9,500 00	
Receipts from Street Roller.....	940 01	
	<u>\$10,440 01</u>	
Claims audited.....	\$9,168 61	9,168 61
Transferred to Maintainance		
and Repair Streets.....	400 00	
Transferred Street Cleaning	700 00	
Transferred Sewers	100 00	10,368 61
Balance	<u>\$ 71 40</u>	

Street Opening Account.

Amount appropriated.....	\$	600 00	
Claims audited.....		552 40	552 40
<hr/>			
Balance	\$	47 60	
<hr/>			

Bridge Account.

Amount appropriated.....	\$	500 00	
Claims audited.....	\$	30 00	30 00
Transferred to Sewers.....		370 00	
“ “ Insurance.....		39 00	
“ “ Public Grounds			
and Buildings		61 00	500 00
<hr/>			

Park Expense.

Amount appropriated.....	\$	9,100 00	
Receipt L. C. Hunter, Treas.....		6 78	
<hr/>			
	\$	9,106 78	
Claims audited.....		9,106 78	9,106 78

Additional Clerical Force and Incidentals of Board Public Works.

Amount appropriated.....		500 00	
Claims audited.....	\$	462 10	462 10
Transferred to Public Build-			
ing and Grounds.....		37 90	500 00
<hr/>			

Drinking Fountains.

Amount appropriated.....	\$ 1,000 00	
Claims audited.....	\$719 33	719 33
Transferred to Sewer account..	280 67	1,000 00
		<u> </u>

Fire Force Pay Roll.

Amount appropriated.....	\$33,640 00	
Claims audited.....	33,176 93	33,176 93
	<u> </u>	
Balance	463 07	
	<u> </u>	

Police Force Pay Roll.

Amount appropriated.....	\$27,260 00	
Claims audited.....	26,677 75	26,667 75
	<u> </u>	
Balance	\$ 582 25	
	<u> </u>	

Fire Force Account.

Amount appropriated.....	\$ 7,000 00	
Claims audited.....	\$5,282 92	5,282 92
Transferred to Police Station	350 00	5,632 92
	<u> </u>	
Balance	\$ 1,367 08	
	<u> </u>	

Police Station Incidental Account.

Amount appropriated.....	\$ 1,000 00	
Transferred from Fire Force account.	350 00	
	<u> </u>	
	1,350 00	
Claims audited.....	1,286 87	1,286 87
	<u> </u>	
Balance	63 13	
	<u> </u>	

Weighmaster's Salary.

Amount appropriated.....	\$ 830 00	
Claims audited.....	795 95	795 95
	<u> </u>	
Balance.....	\$34 05	
	<u> </u>	

Poundmaster's Salary.

Amount appropriated.....	\$ 480 00	
Claims audited.....	480 00	480 00
	<u> </u>	

Marketmaster's Salary.

Amount appropriated.....	\$ 250 20	
Claims audited.....	250 20	250 20
	<u> </u>	

Sanitary Police.

Amount appropriated.....	\$ 1,305 00	
Claims audited.....	1,305 00	1,305 00
	<u> </u>	

Prevention of Contageous Diseases.

Amount appropriated.....	\$ 1,500 00	
Claims audited.....	1,252 83	1,252 83
	<u> </u>	
Balance	247 17	
	<u> </u>	

Incidental Board of Health and Charities.

Amount appropriated.....	\$ 200 00	
Claims audited.....	37 00	37 00
	<u> </u>	
Balance	\$ 163 00	
	<u> </u>	

SUMMARIZED STATEMENT

—OF—

General Appropriation Fund.

Balance to credit Jan. 1st, 1896.....	\$ 72,979 09
Receipts from miscellaneous sources, as per Register of Receipts.....	27,673 62
Receipts from Steam Roller.....	940 01
“ “ Old Iron and Gravel sold.....	120 25
“ “ Vehicle Licenses.....	5,752 79
First Installment Taxes	111,479 71
Second “ “	85,730 79
<hr/>	
Total.....	\$304,676 26
Less amount of Claims Audited and Warrants drawn Therefor, as shown in the preceding Table	233,300 47
<hr/>	
Balance available Dec. 31st, 1896....	\$ 71,375 79

Of this total Amount of Disbursements from the General Appropriation Fund, namely, \$233,300.47, there was expended by the Department of Finance..... 64,815 53

Department paid to Water Works Trustees, pursuant to Appropriation..... 15,000 00

Department of Law..... 222 00

“ Public Works..... 82,717 49

“ Safety..... 67,950 62

“ Health and Charity..... 2,594 83

Total.....\$233,300 47

On September 30, 1895, the Comptroller's estimate was laid before the Common Council, and an ordinance was passed in accordance with the same on the 30th day of September, 1895, appropriating the sum of \$205,365.20 for the use of the various departments (except Water Works) for the year 1896. In addition thereto there was also appropriated at the same time \$20,000 for use of Water Works Department for the extension of mains.

September 30th, 1895, appropriated.....\$205,365 20

“ “ “ for Water Works Department..... 20,000 00

Appropriated proceeds of Vehicle Licenses to the Maintenance and Repair of Streets “Special” account..... 5,396 06

Interest on bonded debt. Balance from 1895 for coupons still outstanding..... 1,732 50

The following additional appropriations were subsequently made for the use of the several Departments:

Ordinance No. 65, refunding liquor license to Louis Banet.....	\$ 100 00
Ordinance No. 67, Miscellaneous Claim account, paid first mortgage on No. 1 Engine House...	2,000 00
Ordinance No. 68, drinking fountains.....	1,000 00
Ordinance No. 69, public lights.....	400 00
Ordinance No. 70, Miscellaneous Claim account. Commissions paid to Third National Bank, of New York, for collecting coupons and interest.....	124 25
Ordinance No. 71, County Auditor for transferring South Wayne and descriptions.....	143 00
Ordinance No. 72, Miller & Morits claim in full...	500 00
Ordinance No. 73, Fred J. Hayden claim in full...	500 00
Ordinance No. 74, refunding liquor license to L. Oberwitte.....	80 00
Ordinance No. 75, refunding liquor license to William Strobel.....	60 50
Ordinance No. 76 and 77 for City Election Expenses	340 46
Ordinance No. 78, N. Y., C. & St. L. R. R. damage for opening Walton Avenue.....	300 00
Ordinance No. 78, Robertson, Rodabaugh and Hartman, for Auditing Books of the various Departments.....	450 00
Ordinance No. 80, Henry Lapp, damages	50 00
Ordinance No. 81, Refunding liquor licenses, Louis Heilbroner	47 50

Ordinance No. 82, Sanitary Police pay roll for additional officers.....	225 00
Ordinance No. 83, Police pay roll for station master	360 00
Ordinance No. 84, Fire Force pay roll for additional force	280 00
Ordinance No. 85, Refunding taxes, William Fleming estate.....	253 00
Ordinance No. 86, New street intersections, for paving West Jefferson Street.....	2,500 00
Transferred Vehicle license collected from Jan. 1, 1896, to Sept. 1, 1896.....	362 68
Ordinance No. 87, Fire Force pay roll.....	360 00
Ordinance No. 88, Public lights, for additional light	100 00
New street intersections.....	940 01
Receipts from Steam Roller on Montgomery, Jefferson and Wells Streets; Receipts from gravel, sand and old iron sold by Department of Public Works and put to various accounts as follows (\$120 25): Maintenance and repair street special.....	21 40
Maintenance and repair street.....	14 38
Public Buildings and Grounds	30 57
Disposal of garbage.....	6 98
Park funds.....	6 78
City Hall.....	40 14

Total appropriations and Receipts...\$244,090 41

Total amount disbursed by all Departments account of the foregoing.....	233,300 47
---	------------

Balance of amount appropriated and not expended.	\$ 10,789 94
--	--------------

Of this amount there will be carried forward to the
“Interest on Bonded Debt” account \$1,482 50,
being amount of 1896 coupons still outstanding and not presented for payment..... 1,482 50

Balance unexpended to be returned to the General Appropriation Fund.....	\$ 9,307 44
--	-------------

Total	\$ 10,789 94
-------------	--------------

GENERAL STATEMENT

—OF—

SPECIAL ACCOUNTS,

SHOWING AMOUNTS CREDITED THERETO, CLAIMS

AUDITED AND BALANCES ON THE 31ST

DAY OF DECEMBER, 1896.

Sinking Fund.

Balance on hand to the credit of this fund Jan- uary 1st, 1896.....	\$ 10,787 91
Amounts placed to credit from Tax Collections..	11,465 73
	<hr/>
	\$22,253 64
Paid for redemption of Bonds, Series of October 25, 1881, \$4,000 00....	
“ “ Sept. 25, 1892, \$4,000 00.....	8,000 00
	<hr/>
Credit Balance.....	\$ 14,253 64

Street Special—Street and Alley Opening Account.

Balance on hand January 1st, 1896.....	\$ 463 01
Assessment benefits paid in.....	2,547 59
	<hr/>
	\$ 3,010 60
Payment of damages.....	2,700 20
	<hr/>
Credit balance.....	310 40
	<hr/> <hr/>

Public Library Fund.

Balance on hand January 1st, 1896.....	\$ 2,377 80
Amount to credit from Tax Collections.....	5,732 85
	<hr/>
	\$ 8,110 65
Amount paid to Treasurer of Board of School Trustees	5,618 48
	<hr/>
Credit balance.....	2,492 17
	<hr/> <hr/>

Firemen's Pension Fund.

Amount to credit from Tax Collections, 1%	\$ 2,293 13
Amount paid to L. C. Hunter, Treasurer.....	1,296 27
	<hr/>
Credit balance.....	\$ 996 86
	<hr/> <hr/>

Monument Fund.

Amount to credit from Tax Collections.....	\$1,146 58
	<hr/> <hr/>

Home Telephone Co. "Guarantee."

By certified check deposited.....	\$ 2,000 00
To voucher on Treasurer (guarantee repaid)....	2,000 00
	<hr/>
Total amount to the credit of Special Accounts..	\$ 19,199 65

WARRANTS.

Amount of Warrants outstanding Jan. 1st, 1896.	\$ 2,461 92
“ “ drawn during the year 1896.	252,915 42
	<hr/>
	\$255,377 34
Amount of Warrants redeemed by Treasurer during the year 1896.....	253,634 08
	<hr/>
Amount of Warrants outstanding December 31st, 1896	\$ 1,743 26
	<hr/> <hr/>

Cash Statement, Treasurer's Account.

Cash on hand January 1st, 1896.....	\$ 89,069 73
From Taxes First and Second installments.....	217,848 79
“ Miscellaneous sources.....	39,034 26
	<hr/>
	\$ 345,952 78
Amount of Warrants redeemed by Treasurer....	253,634 08
	<hr/>
Showing balance of cash in Treasury.....	\$ 92,318 70
Less outstanding warrants as above.....	1,743 26
	<hr/>
Showing balance of cash available December 31st, 1896.....	\$ 90,575 44
	<hr/> <hr/>

NOTE A—See balance under head of “Receipts and Disbursements.”

NOTE B—The \$102.00 taken by Treasurer and not charged on Comptroller's books last year was received by the Comptroller from the Treasurer and appears in the receipts for the year 1896.

STATEMENT OF FUNDS

FOR THE

REDEMPTION OF IMPROVEMENT BONDS

AND INTEREST COUPONS.

AS SHOWN BY TRUST LEDGER.

RECEIPTS.

Cash in Treasury January 1st, 1896.....	\$ 1,015 94
Amount received from property-holders—being assessments paid on the ten year plan, as certified to this Department by the Treas- urer.....	26,376 44
	\$ 27,392 38

DISBURSEMENTS.

For redemption of Improvement Bonds and inter- est.....	\$ 24,989 75
Cash in Treasury Dec. 31st, 1896.....	\$ 2,402 63

Tabulated Statement of the Bonded Debt.

Date of Issue.	FOR WHAT PURPOSE.	Amount.	Rate of Interest.	Amount of Annual Interest.	When Semi-Annual Interest is Payable.	Where Interest is Payable.	Date of Maturity.
Oct. 15, 1879.	For payment of certain city indebtedness..	\$ 85,000.00	6 per cent.	\$ 5,100.00	15th Apr. and Oct.	National Bank, N. Y.	Oct. 15, 1899.
Nov. 15, 1879.	For city water works.....	100,000.00	6 "	6,000.00	15th May "	" "	Nov. 15, 1899.
Dec. 31, 1879.	" "	24,000.00	5 "	1,200.00	15th June "	" "	Dec. 31, 1899.
Jan. 15, 1880.	" "	146,000.00	6 "	8,760.00	15th Jan. "	" "	Jan. 15, 1900.
Oct. 10, 1888.	" Funding P. L. W. & C. R. R.	99,000.00	5½ "	4,455.00	10th Apr. "	" "	Oct. 10, 1913.
" "	" " C. R. & P. W. R. R.	100,000.00	4½ "	4,500.00	10th Apr. "	" "	" "
" "	" " P. W. J. & S. R. R.	100,000.00	4½ "	4,500.00	10th Apr. "	" "	" "
Sep. 15, 1892.	" Payment of certain city indebtedness..	8,000.00	" "	400.00	15th Mch. "	Hamilton Bank, City.	\$4,000 due Sept. 15 each year.
July 10, 1894.	" South Wayne water works, assumed by city of Fort Wayne upon annexation of said town of South Wayne.....	15,800.00	" "	948.00	10th Jan. "	National Bank, N. Y.	July 10, 1914.
		\$677,800.00		\$35,863.00			

There were \$8,000.00 of matured Bonds redeemed during the year 1896.

ASSESSMENT STATEMENT.

The following statement based on certified reports from the County Auditor, shows the aggregate assessment and valuation for the year 1896 of all taxable real, personal and railroad property in the city, as also the number of taxable polls therein.

	Tax duplicate of 1896.
	Collected during year 1897.
Real	\$16,836,465 00
Mileage	12,295 00
Personal	5,217,665 00
Railroad	645,795 00
<hr/>	
Total	\$22,712,220 00
Rate of taxation per \$100, 1896.....	\$ 95
Number of polls.....	7,527

NOTE—A special school fund levy of \$.15 for the year 1896, collected in the year 1897 for new school buildings.

Treasurer's Statement.

To the Common Council of the City of Fort Wayne, Ind.:

GENTLEMEN—Please find below a summary statement of receipts and disbursements for the fiscal year ending December 31st, as shown by the Treasurer's Ledger :

RECEIPTS.

Cash balance in the Treasury Jan.

1st, 1896.....\$ 89,171 73

Receipts from taxes 217,848 79

“ “ all other sources..... 38,932 26 345,952 78

DISBURSEMENTS.

Total amount of warrants drawn by the Comp-

troller and paid by the Treasurer.....\$ 253,634 08

Amount of cash in the Treasury Dec. 31st, 1896. 92,418 70

Respectfully submitted,

L. C. HUNTER, Treasurer.

FORT WAYNE, January 19th, 1897.

See Note B, Page 51.

ABSTRACT

—OF—

Duplicate Collections,

MAY SETTLEMENT, 1896,

SHOWING CHARGES, AMOUNTS UNPAID AND TOTAL COLLECTIONS FOR CITY TAXES FOR THE CITY OF FORT WAYNE.

Duplicate charges—current	\$227,346 50
Old taxes charged.....	46,909 89
Spring extras charged.....	980 45
Old extras charged and insolvent collected	218 52

Total charges.....	\$275,455 36
--------------------	--------------

Second installment unpaid and extras.....	\$ 93,554 60
April delinquencies unpaid and extras.....	19,042 28
Old taxes unpaid and extras.....	37,714 23

Total deductions from total charges.....	150,311 11
--	------------

Leaves gross collections.....	\$125,144 25
Treasurer's fees delinquent collected	\$ 372 76
Overcharges issued.....	871 72
Refunders issued.....	753 59
Total Treasurer's fees overcharged and refunded.....	\$1,998 07

Total actual cash collections.....	\$123,146 18
------------------------------------	--------------

I, C. W. Edsall, Auditor of Allen County, Indiana, do hereby certify that this is a true report of the collections of taxes made by the Treasurer for the City of Fort Wayne, as shown by the May, 1896, settlement.

In testimony whereof, I have hereunto set my hand and affixed the seal of the Commissioner's Court of Allen County, Indiana, this 29th day of May, 1896.

C. W. EDSALL,
Auditor Allen County, Indiana.

Second installment unpaid May settlement, 1896..	\$ 93,554 60
First installment delinquent last May.....	19,042 28
Old delinquent credited on May sheet.....	37,714 23
Ten per cent. penalty on May and November, 1895, delinquency	2,301 49
Six per cent. penalty on both April and November, delinquency.....	823 69

Treasurer's assessment charged since May settlement, 1896.....	179 37
<hr/>	
Total charges.....	\$153,615 66
<hr/>	
Collections of second installment since May, 1896.....	\$ 89,581 94
Collection of delinquencies including penalty and interest.....	6,043 03
Assessments and dropped taxes collected since May settlement.....	114 87
<hr/>	
Total collections since May settlement, 1896.....	\$ 95,759 84
Deduct Treasurer's fees, 8 per cent. on delinquencies.....	\$483 44
Overcharges issued.....	272 47
Refunders issued.....	281 32
<hr/>	
Total deductions from total collections.....	\$ 1,037 23
<hr/>	
Leaves net amount due city.....	\$ 94,702 61
<hr/>	
Deduct total collections from total charged leaves delinquencies November, 1896.....	\$ 57,875 82
Deduct from total delinquencies taxes carried to Insolvent Record.....	12,066 17
<hr/>	
Leaves net delinquencies chargeable against Treasurer November, 1896.....	\$ 45,809 65

I, C. W. Edsall, Auditor of Allen County, Indiana, do hereby certify that this is a true report of the collection of

taxes made by the Treasurer for the City of Fort Wayne, as shown by the November, 1896, settlement.

In testimony whereof, I have hereunto set my hand and affixed the seal of the Board of Commissioners of Allen County, Indiana, this 18th day of January, 1897.

C. W. EDSALL,
Auditor Allen Cotnty, Indiana.

STATEMENT

—OF—

ASSETS AND LIABILITIES

JANUARY 1ST, 1896.

ASSETS.

City Water Works system complete, based on a net earning capacity of 6 per cent.....	\$1,540,000 00
City Hall and grounds.....	95,000 00
Market space.....	15,000 00
Swinney Park, 45 acres.....	20,000 00
McCulloch Park, 4.05 acres.....	20,000 00
Hayden Park, 1.12 acres.....	10,000 00
North Side Park and greenhouses, 31 acres.....	30,000 00
Public Library.....	8,500 00
Lots 1 to 13 Ninde's addition.....	7,000 00
Lots 11 and 12 Jones' addition....	850 00

Lot 13 Jones' addition.....	\$ 1,000 00
East End gravel pit.....	5,000 00
Crematory.....	8,500 00
High school and equipment.....	69,800 00
Jefferson school and equipment....	33,300 00
Clay school and equipment.....	42,300 00
Hoagland school and equipment..	17,750 00
Hanna school and equipment.....	20,250 00
Washington street school and equip- ments.....	23,250 00
Bloomington school and equip- ments	26,750 00
Harmer school and equipments....	31,350 00
Miner street school and equipments	21,500 00
Holton avenue school and equip- ments.....	14,300 00
Nebraska school and equipments..	14,300 00
McCulloch school and equipments.	13,750 00
Hamilton school and equipments..	14,250 00
Franklin school and equipments..	13,700 00
Lakeside school and equipments..	25,000 00
South Wayne school and equip- ments.....	16,300 00

No. 1 Engine House.

Building and ground.....	\$ 17,000 00
Equipment	12,900 00

Engine House No. 2.

Ground and building	\$ 7,000 00
Equipment	8,000 00

Engine House No. 3.

Ground and Building.....	\$ 9,800 00
Equipment	7,500 00

Engine House No. 4.

Ground and building	\$ 6,420 00
Equipment	8,000 00

Engine House No. 5.

Ground and building.....	\$ 6,900 00
Equipment.....	6,000 00

Engine House No. 6.

Ground and building.....	\$ 6,700 00
Equipment	7,000 00

Other Personal Property.

Steam rollers, street sweepers, etc..	\$ 4,350 00
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Cash on Hand January 1st, 1896.

Sinking fund.....	\$ 14,253 64
General funds.....	71,375 79
Public Library Fund.....	2,492 47
Monument fund.....	1,146 47
Firemen's pension fund.....	996 86
Street special fund.....	310 40

TOTAL ASSETS.....\$2,356,845 63

 LIABILITIES.

Bonded indebtedness.....\$ 677,800 00

Net essets.....\$1,679,045 63

ASSESSED VALUATION.

For the year 1896.....\$22,712,220 00

Tax levy, 95cts.

STATE OF INDIANA, }
COUNTY OF ALLEN, } ss.

Henry C. Berghoff, City Comptroller of the City of Fort Wayne, Indiana, being duly sworn, upon his oath says that the within and foregoing report is true as he verily believes.

HENRY C. BERGHOFF,

Comptroller.

Subscribed and sworn to before me this 1st day of February, A. D. 1897.

[SEAL.]

JOS. F. BICKEL.

Notary Public.

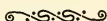
Department of Public Works.

1896.

THIRD ANNUAL REPORT
OF THE
Board of Public Works,
TO THE
HON. HENRY P. SCHERER,
Mayor of the City of Fort Wayne,
FOR THE
FISCAL YEAR, ENDING DECEMBER 31, 1896.

BOARD OF PUBLIC WORKS,

FORT WAYNE, IND., 1896.



MEMBERS.

THOS. DEVILDISS,	-	-	-	Until May 8th, 1896.
W. H. McCLELLAND,	-	-	-	Until May 8th, 1896.
HENRY A. READ,	-	-	-	Until May 8th, 1896.
PETER EGGEMAN,	-	-	-	Appointed May 8th, 1896.
P. H. KANE,	-	-	-	Appointed May 8th, 1896.
J. K. McCracken,	-	-	-	Appointed May 8th, 1896.
Clerk of Department,	-	-	-	M. M. SMICK.

Until May 13th, 1896.

Clerk of Department,	-	-	-	A. M. SCHMIDT.
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Appointed May 8th, 1896.

Asst. Clerk of Department,	-	-	-	JENNIE McCLELLAND.
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Until June 1st, 1896.

Asst. Clerk of Department,	-	-	-	BESSIE E. MANNIX.
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Appointed June 1st, 1896.

ENGINEERING DEPARTMENT.

City Civil Engineer,	-	-	-	F. M. RANDALL.
Asst. City Civil Engineer,	-	-	-	DAN'L McKENDRY.

STREET DEPARTMENT.

Superintendent of Streets, - NELSON M. THOMPSON.
Until May 11th, 1896.

Superintendent of Streets, - - FRANK A. WEBBER.
Appointed May 11th, 1896.

Assistant Superintendent of Streets, JAMES F. BRICE.
Until August 19th, 1896.

Asst. Superintendent of Streets, PETER HOHNHAUS,
Appointed August 19th, 1896.

PARK DEPARTMENT.

Superintendent of Parks, - - C. A. DOSWELL.
Until May 11th, 1896.

Superintendent of Parks, - - AUGUST GOERS.
Appointed May 11th, 1896.

Asst. Superintendent of Parks, - HENRY FREUND.
Until May 13th, 1896.

Asst. Superintendent of Parks, - WILLIAM HOHMEYER.
Appointed May 13th, 1896.

GARBAGE CREMATORY.

Superintendent of Crematory, - - C. S. CONKLIN.
Until May 14th, 1896.

Superintendent of Crematory, - - - A. A. GOCKE,
Appointed May 14th, 1896.

Department of Public Works.

OFFICE OF THE BOARD, }
FORT WAYNE, IND., January 1st, 1897. }

*To the Hon. Henry P. Scherer, Mayor of the City of Fort
Wayne, Indiana:*

SIR:—

We respectfully submit to you the Third Annual Report of the Department of Public Works of the city of Fort Wayne, Indiana, covering the fiscal year ending December 31st, 1896. The present Board, consisting of Peter Eggeman, P. H. Kane and J. K. McCracken, appointed by you on the 8th day of May, 1896, to succeed Thos. DeVilbiss, W. H. McClelland and Henry A. Reed, met on the 8th day of May, 1896, and organized by electing Peter Eggeman chairman. A portion of the work done by and under the supervision of the Board of Public Works during the past year was ordered and commenced under direction of our predecessors, while the larger portion of it was ordered and completed under the supervision of the present Board. During the past year a great deal has been done

to improve the condition of the city in many ways. A number of streets and alleys have been given a substantial and lasting vitrified block pavement, while others have been graded and improved otherwise, many new sidewalks have been built, others relaid and repaired, new local sewers constructed, more electric street lamps added where most necessary, additional improvements made in our parks, several public drinking fountains erected in various parts of the city, in short, everything in the nature of improvements needed and of a permanent and lasting benefit to the city has been done as far as time and means at our disposal would permit. It has constantly been our aim to serve the best interest of the tax-payers and the city at large, and we have done all in our power to carry out the wishes of the people in every respect as far as practicable. We are well aware of the fact that the position you have called us to is a laborious and onerous one, still we believe that the course we have pursued in all of our official acts will meet with your approval as well as with the endorsement of those of our citizens who have the best interest of the city at heart.

We attach hereto the reports of the City Civil Engineer, Superintendent of Streets, Superintendent of Parks, and Superintendent of Crematory, which give in detail the work done in their respective departments.

PLATS RECORDED.

Fourth street as opened April 20th, 1896.

Walton avenue as opened May 4th, 1896.

Organ avenue as opened May 4th, 1896.

Plat of Romary's addition, approved July 6th, 1896.

Plat of Lombard's Park addition as rearranged, November 13th, 1896.

Leith street as opened December 21st, 1896.

Brookside street as opened December 21st, 1896.

Alley north of Cochrane street from Coombs street to Canal street as opened December 21st, 1896.

Alley vacated between lots 100 and 101 and 102 White's 1st addition, December 21st, 1896.

Alley vacated between lots 377 and 378, Hanna's addition, December 21st, 1896.

Alley vacated between lots 295 and 296, 301 and 302, Hanna's addition, December 21st, 1896.

BUILDING PERMITS.

Although the year of 1896 was one of general business depression, the orders for building permits issued show a large increase in money invested in buildings over the year before.

Building permits were issued as follows:

January.....	12	permits, amounting to.....	\$ 6,010
February	12	“ “	12,750
March	30	“ “	38,990
April	42	“ “	42,655
May	34	“ “	25,655
June.....	45	“ “	47,370
July	32	“ “	56,200
August	17	“ “	23,250
September.....	22	“ “	14,250
October	31	“ “	13,625
November.....	9	“ “	3,100
December	13	“ “	443,700

Total.....299 permits, amounting to.....\$717,555

DISPOSAL OF GARBAGE.

Our present system of collecting and disposing of the city's garbage received its first practical test during the past year, and while it is without doubt a great improvement over the system in vogue prior to the adoption of the present one, it did not produce the results necessary to maintain a good sanitary condition throughout the city during the hot summer months. The fault does not lie with the Crematory or the system of incinerating the garbage, but has been due to the fact that not the proper wagons nor a sufficient number of them were on hand to properly collect the garbage. One year ago our predecessors bought four (4) Hill Patent Steel Body Dump Wagons, paying for them \$900 in cash, besides freight charges amounting to \$21. Why such a high-priced, heavy, unwieldy wagon should have been selected is hard to explain. Facts are, that while the carrying capacity of each wagon would permit the loading of at least three tons, the box does not afford the space to load more than about one ton. In short, they are constructed too heavy, too wide—the rear pair of wheels tracking at seven feet—thereby impeding their free passage through a great many of our alleys, especially so in unimpaired alleys during a wet summer like the past has been. The city was divided into four districts, and the collection of the garbage in each district for one year after the 12th of February, 1896, was let to the lowest bidder, who must furnish team, harness, keep the wagon in good repair, and personally collect the garbage in the district assigned to him.

District No. 1 includes all the territory north of Main street as far east as Lafayette, thence north to the Maumee river and all territory north of said river. Frank Draker, with wagon No. 1, was assigned to this district.

District No. 2 covers all the territory lying south of the Maumee river, east of Lafayette street as far south as the P., Ft. W. & C. Ry., thence east to Hanna street and all territory east of Hanna street south to the city limits. John A. Soliday, with wagon No. 2, was assigned to this district, and upon the resignation of Soliday on the 25th day of July, George Hassard was awarded the contract for the balance of the unexpired term.

District No. 3 comprises that territory lying between Main street and the P., Ft. W. & C. Ry. west of Lafayette street to the city limits. George W. Haskell, with wagon No. 3, was assigned to this district.

District No. 4 comprises all the territory south of the P., Ft. W. & C. Ry. and west of Hanna street. Jacob C. Hess, with wagon No. 4, was assigned to this territory.

It will be seen that the territory assigned to each wagon is so large that it is an impossibility for them to cover it as often as it necessarily should be, especially so during the summer months when the amount of garbage to be collected is much larger on account of the large amount of green vegetables used in every household. It was impossible for the collectors to get over their routes oftener than once a week, and in some instances it took longer, and we all know that during warm weather this is by far not often enough. The Board, therefore, decided to buy two additional garbage wagons of a type better adapted to the requirements of the collection of garbage than those now at hand, and to put them into service during the summer months, thereby increasing the force from four to six wagons. This will insure a more prompt and efficient collection, and in the opinion of the Board will meet all requirements for the present. Below you

will find a table showing the amount of garbage removed to the Crematory by the four (4) collectors employed by the city as well as by others not employed by the city.

Of the Crematory, now under supervision of A. A. Gocke, we can but speak of the highest terms, and Fort Wayne certainly owns one of the best institutions of this kind to be found. It has done its work remarkably well, and in point of repairs has cost the city almost nothing. All kinds of combustible garbage, dead animals, etc., have been totally incinerated without any trouble whatever. For fuel, natural gas has been used exclusively. Only two men are required at the Crematory and can attend to all the work that has to be done there, one of them being regularly employed during the day and the other at night. The day man has charge of the plant and is responsible for the proper keeping of everything about it. Besides burning garbage all day, he is required to note the actual time of arrival of every load of garbage at the plant and send it to the office of the Board daily, thereby enabling us to satisfy ourselves as to the amount of work done by each of the city's collectors during each day, as well as to the amount of material incinerated. The night man has to finish up the burning of all the material collected and not destroyed during the day, and after that clean grates and remove all ashes and get everything ready for the day man to commence burning early in the morning.

The total cost to the city for "Disposal of Garbage" during the past year has been \$7,206.98, divided as follows:

For collecting garbage.....	\$3,368 45
For salary of help at Crematory.....	1,019 84
For castings and grates (including the making of patterns)	185 05

For fuel.....	1,512 53
For salary of City Scavenger.....	144 00
Four new wagons and freight.....	921 00
Incidentals and repairs	56 11

Total.....\$7,206 98

Prior to February 12th, 1896, no records were kept of the amount of garbage collected and destroyed. Since then, however a complete record has been kept and is herewith submitted:

	BY CITY'S COLLECTOR.					BY OTHERS.				
	Wagon No. 1.	Wagon No. 2.	Wagon No. 3.	Wagon No. 4.	Days Worked.	Wagon Loads	Barrelsfull.	Horses, Cattle	Dogs & Cats.	Poultry.
Feb.....	16	17	21	14	7	16	138	1	7	.....
March	53	55	59	46	26	48	586	.....	13	4
April	57	57	51	47	26	50	383	2	29	1
May	63	62	67	58	25	37	669	1	20	2
June.....	74	71	78	60	26	37	876	1	23	3
July	68	59	71	48	24	49	889	.....	26	10
August	75	64	77	67	26	68	831	1	21	.....
Sept	75	66	73	65	25	52	703	.....	11	2
Oct	67	60	61	53	27	59	557	2	25	.....
Nov	50	48	49	46	24	51	437	.....	10	.....
Dec.....	52	52	52	53	26	45	680	1	8	.....
Total	650	611	659	557	262	512	6749	9	193	22

Total number of tons incinerated.....3,685
 Total cost of collecting garbage.....\$2,847 62
 Average cost per ton.....77 $\frac{1}{3}$ cts
 Total cost for fuel.....\$1,426 68
 Average cost per ton for fuel.....38 $\frac{2}{3}$ cts
 Average cost per ton for collecting and destroying garbage\$1.50 $\frac{1}{2}$

Considering the fact that this was the first year that the system of disposing of garbage by complete incineration was in vogue in this city, it must be pronounced a complete success in every way, and profiting by past experience will be improved upon whenever an occasion is given to do so. From a sanitary standpoint it is the only system by which the chances of contagion are reduced to a minimum.

PUBLIC LIGHTS.

The city is lighted by a system of arc lamps operated under a contract with the Jenney Electric Light and Power Company, which expires on the 26th day of June, 1899. The price for each arc lamp per annum is \$120. On the first day January, 1896, there were in use 240 arc lamps, and during the year eleven more were placed in various parts of the city, making a total of 251 now in use. Besides these the Jenney Electric Light and Power Company maintain from May 1st to November 1st of each year five arc lamps free of cost to the city distributed among our various parks, as stipulated in the contract with them.

The city can pride itself upon the fact that it is one of the best lighted cities in the United States to-day.

All lights not burning in accordance with the schedule are reported by the night police together with the number of hours each light is out, and a deduction of 5½ cents per hour is made for each light not burning.

The following table shows the cost of lighting the city each month, together with deductions made for lights not burning:

Jan.,	\$ 2,400 00	deducted \$	7 12	net cost for light	\$ 2,392 88
Feb.,	2,400 00	"	59 26	" " " "	2,340 74

March,	\$2,449 00	deducted	\$23 81	net cost for light	\$ 2,425 19
April,	2,460 00	"	51 06	" " " "	2,408 94
May,	2,460 00	"	55 66	" " " "	2,404 34
June,	2,460 00	"	60 34	" " " "	2,399 66
July,	2,460 00	"	15 40	" " " "	2,444 60
Aug.,	2,460 00	"	8 72	" " " "	2,451 28
Sept.,	2,460 00	"	7 21	" " " "	2,452 79
Oct.	2,478 06	"	2 42	" " " "	2,475 64
Nov.,	2,509 99	"	31 70	" " " "	2,478 29
Dec.,	2,510 00	"	3 96	" " " "	2,506 04
<hr/>					
Tot'l	\$29,507 05		\$326 66		\$29,180 39

CONTRACTS AND FRANCHISES.

On the 14th day of January, 1896, the Board of Public Works entered into a contract with the Home Telephone and Telegraph Company, whereby the latter were granted the right to erect and maintain in and upon the streets and alleys of the city a telephone and telegraph system. Said company agrees to erect no poles within the territory lying within the west property line of Harrison street and the east property line of Barr street and the south line of the right of way of the New York, Chicago & St. Louis Railway and the north line of the right of way of the Pittsburg, Fort Wayne & Chicago Railway, but will lay all its lines within said territory in underground conduits. The Board of Public Works has the right to designate the location of all poles and conduits in and along any street or alley and the manner and mode of their construction. One hundred or more wires along any street or alley must be cabled. Within the territory where wires are to be placed underground, one duct capable of containing

200 wires, and the upper cross arms on all poles erected, are to be constructed and paid for by said company for the use of the city's fire alarm and telephone system wires.

Said company agrees to furnish telephones within the corporate limits of the city at the following rates:

For private residences for not more than \$24 per year.

For business houses for not more than \$36 per year.

For residence and business telephone to one and the same person, \$48 per year.

Said company also agrees to furnish to the city free the following telephones:

One in each fire engine house now or hereafter to be constructed.

One at each water works pumping station now or hereafter to be constructed.

One at the water works pumping station.

One in the office of the Water Works Trustees.

One in the office of the Board of Public Works.

One in the police station.

One in the Mayor's office.

One in the residence of the Superintendent of Police.

One in the residence of the Chief of Fire Department.

One in the office of the City Sanitarian.

One at the City Crematory.

One at the City Scales.

Said company further agrees to pay to the City of Fort Wayne after the first day of January, 1910, two (2) per cent. of its entire gross receipts, and that in fifty years from the date of the passage of the ordinance ratifying this contract, all rights, privileges, and permissions granted to or vested in said company, their associates, successors or assigns, shall

cease and revert to and become the property of the City of Fort Wayne.

PETITION OF ALEXANDER B. WHITE, ASKING FOR A STREET RAILWAY FRANCHISE.

On the 15th day of May, 1896, Alexander B. White appeared before the Board of Public Works, asking them to grant to him the right of way over certain streets of the city for the purpose of operating a line of street railway between the City of Fort Wayne and the town of New Haven. The board, recognizing the fact that such a line would be of great value to the city in a great many ways, subsequently held several meetings for the purpose of mapping out a route that would be equally acceptable to both the property owners along the right of way as well as the promoters of the railway company, and although several routes were gone over, no definite action has been taken so far.

PARKS.

A great deal in the way of improving and beautifying our parks was done during the past season, a detailed statement of which will be found in the annual report made by Mr. August Goers, Superintendent of Parks. With an appropriation of only \$9,106.78 for the improvement and maintenance of our entire park system, covering an area of ninety-three and three-quarter acres distributed throughout the various parts of the city, the board found that it could not carry out as many improvements during the past year as it wished to do. All of the greenhouses were thoroughly repaired, an additional boiler with the necessary piping added to the hot water heating system of our greenhouses, thousands of plants

and flowers were planted in the various parks last spring and cared for during the summer, all walks and driveways in all of the parks were graveled and rolled, in short, all of the parks were kept in a first-class condition. In Swinney Park, the largest of all our parks and destined to become the most beautiful of them, a great many improvements were made in accordance with the plans prepared by J. H. Lindrooth, of Chicago, and adopted by a former board in 1894. Additional walks and driveways were graded and graveled, additional drainage constructed, two first-class lawn tennis courts were built, a great deal of sodding was done and a large number of young trees and shrubs were planted. Thousands of our citizens show their appreciation of the improvements already made in this, the youngest of all our parks, by visiting it during the summer months. A bridge should be built across the St. Marys river at the north end of the park, in order to make it accessible to the large number of our citizens living in that part of our city commonly called "Nebraska."

A great deal of new work was completed in Reservoir Park. Nearly 100,000 square feet of sodding was done, a number of trees were planted, among them ten large sugar maple trees that were removed from the Court House square and planted on the island. Permanent improvements have also been made in Hayden, McCulloch, Old Fort and North Side Parks, additional trees having been planted last fall. The annual report of Mr. August Goers, Superintendent of Parks, is herewith attached for further information.

STREET DEPARTMENT.

This is one of the most important branches of work coming under the supervision of the Board of Public Works,

including as it does the repairing and cleaning of streets, the repairing, cleaning and flushing of sewers, catch-basins, and bridge repairs. Frank A. Weber, Superintendent of Streets, has immediate charge of all work coming under this department. The past season having been an exceptionally wet one, it caused a great amount of extra expense both for labor and material. All street repairs as well as all cleaning of streets was done under the direction of the Superintendent of Streets, the Board being able to obtain much better results by performing the work with its own employes than by contract. Our asphalt pavements were cleaned by hand, while our block and brick pavements were cleaned by machine. Owing to the large addition made to the mileage of our paved streets, we are compelled to purchase another street sweeper, thus enabling us to clean all paved streets promptly.

BRIDGES.

Our bridges are in very good condition, no repairs having become necessary during the past year. During the coming year, however, it will be necessary to give the wells street bridge a new floor.

SEWERS.

A great amount of repair work had to be done in this department caused by the exceedingly heavy rain falls during the past summer. The bulk-head of Hanna street sewer had to be rebuilt at an expense of \$583.92, the sewer in the alley between Wayne and Washington and Calhoun and Harrison streets relaid at an expense of \$217.07; also the sewer in the alley between Maumee road and Oak street from Division street to Chute street at a cost of \$368.89.

A crew of three men and one team were assigned to the work of cleaning catch-basins, and the report of the Superintendent of Streets shows that 989 catch-basins were cleaned at an expense of \$701.07, or about 71 cents for each catch-basin. For further details we refer you to the report of the Superintendent of Streets, which is hereto attached.

THE OPENING AND VACATION OF STREETS AND ALLEYS.

During the year it became necessary to open a number of streets and alleys by declaratory proceedings in order to give some property owners a proper street and alley outlet. In all instances these cases pertained to localities lying in the outskirts of the city and were in the main due to imperfect platting of additions to the city in past years, as far as providing for the necessary streets and alleys or the required width of same was concerned. All condemnation proceedings were always given careful consideration before they were instituted with a view of determining the necessity for such proceedings and the benefits derived therefrom, and to avoid any damages whatever to property interest if possible.

No streets were vacated and all alleys or parts of alleys vacated were in such localities where there were alleys running both north and south and east and west, and either one or the other was superfluous. In every instance petitions signed by a majority of property-holders interested in any of these proceedings were presented to the Board before any action was taken in the matter.

The following Declaratory Resolutions were adopted by the Board during the past year :

DECLARATORY RESOLUTION No. 19.—For the opening of

Walton avenue to a width of fifty-four feet from the north line of Walton avenue to the south line of the Maumee river ; also from the south line of Washington street to the north line of Maumee road.

Adopted on the 7th day of February, 1896.

Confirmed the 21st day of February, 1896.

DECLARATORY RESOLUTION NO. 20.—For the opening and extending of Organ avenue from Indiana avenue to Beaver avenue to a width of fifty feet.

Adopted February 17th, 1896.

Confirmed on the 6th day of March, 1896.

DECLARATORY RESOLUTION NO. 21.—For the opening and extending the alley between Scott Avenue and the south line of lots Nos. 1 and 7, Ewing's outlots, and the Wabash Railway, to a width of twelve feet.

Adopted on the 17th of February, 1896.

On account of remonstrances this resolution was rescinded on the 6th day of March, 1896.

DECLARATORY RESOLUTION NO. 22.—Vacating the alley between lots 57 and 58 in the continuation of Hamilton's second addition.

Adopted on the 30th day of March, 1896.

Confirmed on the 17th day of April, 1896.

DECLARATORY RESOLUTION NO. 23.—Condemning right of way for sewer purposes across the north side of lots No. 99 to 111, inclusive, Eliza Hanna, Sr.'s addition; also across the west side of said lot 111.

Adopted on April 20th, 1896.

On account of special agreement entered into between Eliza Hanna Hayden and her husband, Frederick J. Hayden,

owners of said lots, and owners of surrounding lots interested in said sewer, the aforesaid resolution was rescinded on the 26th day of June, 1896.

DECLARATORY RESOLUTION No. 24.—For the opening of Brookside street from Leland street to Taylor street to a width of forty-five feet.

Adopted June 12th, 1896.

Confirmed on the 26th day of June, 1896.

DECLARATORY RESOLUTION No. 25.—For the opening of an alley north of Cochrane street from Coombs street to Canal street. Said alley to have a width of twelve feet.

Adopted July 6, 1896.

Confirmed July 17th, 1896.

DECLARATORY RESOLUTION No. 26.—For vacating the alley between lots 100 and 101 and 102, White's first addition, from Glasgow Avenue to the first alley west.

Adopted July 6th, 1896.

Confirmed July 17th, 1896.

DECLARATORY RESOLUTION No. 27.—For vacating the alley between lots 377 and 378, Hanna's addition, from Erie street to the first alley south.

Adopted on the 20th day of July, 1896.

Confirmed the 31st day of July, 1896.

DECLARATORY RESOLUTION No. 28.—For vacating the alley between lots 295 and 296 and 301 and 302, Hanna's addition, from Jefferson street to Madison street.

Adopted on the 20th day of July, 1896.

Confirmed on the 31st day of July, 1896.

STREET, ALLEY AND SIDEWALK IMPROVEMENTS.

A large number of substantial improvements of this class were made during the year 1896. By examining the report of the City Civil Engineer you will find that 1.83 miles of streets in various parts of the city were paved with vitrified paving block on a broken stone foundation; 560 feet of alleys in the center portion of the city were paved with the same class of material, and four and one-half miles of brick sidewalks were laid, chiefly in outlying districts. All improvements of this class were petitioned for by a majority of resident property owners interested in such improvements made; 1.17 miles of streets and alleys were only graded, all of them being in outlying districts. Some of the work that was completed during 1896 was contracted for and begun during 1895, while all the work of this class contracted for during 1896 was completed before December, 1896.

The following improvement resolutions were adopted during 1895 and the work not accepted until in 1896:

Improvement Resolution No. 38.—For the grading to a width of ten feet and paving with brick to a width of five feet of the sidewalks on the east side of Oakland street from Third street to the south line of Beck's sub-division of lot No. 9, Ewing's outlots.

Adopted on the 12th of August, 1895.

William H. Oetting, contractor.

Work accepted on the 8th day of May, 1896.

Improvement Resolution No. 40.—For the construction of sidewalks on the east side of Hoagland Avenue from Pontiac Street to Killea street by grading to a width of fourteen feet and paving with brick to a width of five feet.

Adopted on September 6th, 1895.

William H. Oetting, contractor.

Work accepted the 8th day of May, 1896.

Improvement Resolution No. 41.—For grading Hoagland avenue from Pontiac street to Killea street to a width of thirty-two feet.

Adopted the 6th day of September, 1895.

William H. Oetting & Co., contractors.

Work accepted on the 29th of May, 1896.

Improvement Resolution No. 42.—For the construction of sidewalks on the west side of Hoagland avenue from Pontiac street to the south line of Ninde's addition by grading to a width of fourteen feet and paving with brick to a width of five feet.

Adopted on the 6th day of September, 1895.

William H. Oetting & Co., contractors.

Work accepted on the 8th day of May, 1896.

Improvement Resolution No. 43.—For grading the alley between Calhoun and Harrison streets from Creighton avenue to Allen street.

Adopted on the 6th day of September, 1895.

W. H. Oetting & Co., contractors.

Work accepted May 8th, 1896.

The following improvement resolutions were adopted and the work completed and accepted during 1896:

STREET IMPROVEMENTS.

Improvement Resolution No. 46.—Paving Pontiac street from Calhoun street to Lafayette with vitrified paving block on a six inch broken stone foundation.

Adopted on the 6th of March, 1896.

C. E. Moellering & Co., contractors.

Work accepted July 24th, 1896.

Improvement Resolution No. 50.—Paving Montgomery street from Calhoun street to Hanna street with vitrified paving block on a six inch broken stone foundation.

Adopted March 20th, 1896.

C. E. Moellering & Co, contractors.

Work accepted October 2, 1896.

Improvement Resolution No. 52.—Grading Liberty street from Harmer street to Canal street to a width of twenty-four feet.

Adopted March 20th, 1896.

Julius Remus, contractor.

Work accepted September 4th, 1896.

Improvement Resolution No. 55.—Paving Wells street from St. Marys river bridge to a point 60 feet north of the L. S. & M. S. Ry. with genuine Trinidad Pitch Lake asphalt.

Adopted April 3, 1896.

On account of remonstrances rescinded May 22, 1896.

Improvement Resolution No. 56.—Paving Wells street from a point 60 feet north of the L. S. & M. S. Ry. to the north line of Huffman street with genuine Trinidad Pitch Lake asphalt.

Adopted April 3, 1896.

On account of remonstrances rescinded May 22, 1896.

Improvement Resolution No. 57.—Paving Wells street from the north line of Huffman street to Archer avenue with genuine Trinidad Pitch Lake asphalt.

Adopted April 3, 1896.

On account of remonstrances rescinded May 22, 1896.

Improvement Resolution No. 58.—Paving Allen street from Calhoun street to Clinton street with vitrified paving block on a six inch broken stone foundation.

Adopted May 1st, 1896.

Further proceedings postponed.

Improvement Resolution No. 59.—For paving Jefferson street from Broadway to the west line of Garden street with genuine Trinidad Pitch Lake asphalt.

Adopted the 15th day of May, 1896.

On account of remonstrances rescinded May 29th, 1896.

Improvement Resolution No. 60.—Paving Wells street from St. Marys river bridge to a point 60 feet north of the L. S. & M. S. Ry. with vitrified paving brick.

Adopted the 22d day of May, 1896.

T. B. Empie, contractor.

Work accepted November 20th, 1896.

Improvement Resolution No. 61.—Paving Wells street from a point 60 feet north of the L. S. & M. S. Ry. to the north line of Huffman street with vitrified paving brick.

Adopted May 22, 1896.

T. B. Empie, contractor.

Work accepted December 17, 1896.

Improvement Resolution No. 62.—Paving Wells street from the north line of Huffman street to Archer avenue with vitrified paving brick.

Adopted May 22, 1896.

T. B. Empie, contractor.

Work accepted October 23, 1896.

Improvement Resolution No. 64.—Grading Winch street to a width of twenty-six feet from Maumee road to the Wabash Railroad.

Adopted June 1st, 1896.

On account of remonstrances rescinded June 12th, 1896.

Improvement Resolution No. 65.—Paving Jefferson street from Broadway to the west property line of Garden street with vitrified paving block.

Adopted June 5th, 1896.

On account of injunction proceedings rescinded on the 13th day of July, 1896.

Improvement Resolution No. 66.—Grading Winch street to a width of twenty-six feet from Maumee road to the Wayne Trace.

Adopted June 12th, 1896.

W. H. Oetting, contractor.

Work accepted October 30th, 1896.

Improvement Resolution No. 72.—Paving Jefferson street from Broadway to the west property line of Garden street with vitrified paving block on a six inch broken stone foundation.

Adopted July 18th, 1896.

C. E. Moellering & Co , contractors.

Work accepted December 3, 1896.

Improvement Resolution No. 73.—Grading Leith street to a width of twenth-six feet from Calhoun street to Hoagland avenue.

Adopted August 7th, 1896.

George Wilhelm, contractor.

Work accepted Nov. 16th, 1896.

Improvement Resolution No. 80.—For grading Force street to a width of thirty feet from Ninth street to Tenth street.

Adopted August 21st, 1896.

John Draker, contractor.

Work accepted December 3, 1896.

ALLEY IMPROVEMENTS.

Improvement Resolution No. 68.—Paving with vitrified paving block on a six inch broken stone foundation the alley between Berry and Wayne streets from Clinton street to a point 182½ feet east of Clinton street.

Adopted June 12th, 1896.

C. E. Moellering & Co., contractors.

Work accepted October 2nd, 1896.

Improvement Resolution No. 69.—Paving with vitrified paving block on a six inch broken stone foundation the alley between Main and Columbia streets from Calhoun street to Clinton street.

Adopted June 29th, 1896.

Julius Remus, contractor.

Work accepted October 20th, 1896.

Improvement Resolution No. 85.—Grading to a width of fourteen feet the alley between Oak street and Summit street from Chute street to Ohio street.

Adopted August 31st, 1896..

John Draker, contractor.

Work accepted November 13th, 1896.

Improvement Resolution No. 86.—Grading the alley between Dawson and Williams streets from Webster street to Hoagland avenue to a width of fourteen feet.

Adopted August 31st, 1896.

Further proceedings postponed until May 7th, 1897.

SIDEWALK IMPROVEMENTS.

Improvement Resolution No. 47.—For the construction of sidewalks on the west side of Tecumseh street from Columbia avenue to Elmwood avenue by grading to a width of ten feet and paving with brick to a width of five feet.

Adopted March 6th, 1896.

Contractor, Hiram Porter.

Work accepted June 12th, 1896.

Improvement Resolution No. 48.—For the construction of sidewalks on the west side of Jane street from Leith street to Grace street; also on the east side of Jane street from the first alley north of Grace street to Grace street, by grading to a width of ten feet and paving with brick to a width of four feet.

Adopted March 6th, 1896.

Contractor, Henry A. Gerberding.

Work accepted June 5th, 1896.

Improvement Resolution No. 49.—Constructing sidewalks on the east side of Calhoun street from the south line of lot 30, Fleming & Esmond's addition, to Grace street; also on the north side of Grace street from Calhoun street to Lafayette street, and on the west side of Lafayette street from the first alley north of Grace street to Grace street, by grading to a width of ten feet and paving with brick to a width of five feet.

Adopted March 6th, 1896.

Contractor, William Horstman.

Work accepted June 12th, 1896.

Improvement Resolution No. 51.—Constructing sidewalks on the east side of Smith street from Creighton avenue to Pontiac street by grading to a width of ten feet and paving with brick to a width of five feet.

Adopted March 20th, 1896.

Contractor, George Wilhelm.

Work accepted July 3, 1896.

Improvement Resolution No. 53.—Constructing sidewalks on the south side of Liberty street from Begue street to Canal street, and on the north side of Liberty street from Coombs street to Canal street, by grading to a width of thirteen feet and paving with brick to a width of four feet.

Adopted March 20th, 1896.

Contractor, Henry A. Gerberding.

Work accepted July 3, 1896.

Improvement Resolution No. 54.—Constructing sidewalks on both sides of Liberty street from Harmer street to Begue street by grading to a width of eight feet and paving with brick to a width of four feet.

Adopted March 20th, 1896.

Contractor, George Wilhelm.

Work accepted August 21st, 1896.

Improvement Resolution No. 63.—Constructing sidewalks on the north side of Erie street from Harmer street to Francis street.

Adopted June 1st, 1896.

Contractor, William Horstman.

Work accepted August 21st, 1896.

Improvement Resolution No. 67.—Constructing sidewalks on the east side of Holten avenue from Creighton avenue to Greene street by grading to a width of ten feet and paving with brick to a width of five feet.

Adopted June 12th, 1896.

Contractor, W. H. Oetting.

Work accepted October 9th, 1896.

Improvement Resolution No. 70.—Constructing sidewalks on the south side of Belle avenue from Shawnee avenue to the first alley west of Shawnee avenue by grading to a width of eight feet and paving with brick to a width of four feet.

Adopted June 29th, 1896.

Contractor, Julius Remus.

Work accepted September 4th, 1896.

Improvement Resolution No. 71.—Constructing sidewalks on the east side of Sherman street from Huffman street to Putnam street by grading to a width of ten feet and paving with brick to a width of four feet.

Adopted June 29th, 1896.

Contractor, George Wilhelm.

Work accepted October 9th, 1896.

Improvement Resolution No. 73.—Constructing sidewalks on both sides of Leith street from Calhoun street to Hoagland avenue by grading to a width of twelve feet and paving with brick to a width of five feet.

Adopted August 7th, 1896.

Contractor, George Wilhelm.

Work accepted November 16th, 1896.

Improvement Resolution No. 74.—Constructing sidewalks on both sides of Jones street from Rockhill street to the first alley west of Rockhill street by grading to a width of eight feet and paving with brick to a width of four feet.

Adopted August 7th, 1896.

Contractor, Henry A. Gerberding.

Work accepted October 30th, 1896.

Improvement Resolution No. 75.—Constructing sidewalks on both sides of Swinney avenue from Nelson street to Garden street by grading to a width of twelve feet and paving with brick to a width of four feet.

Adopted August 7th, 1896.

Contractor, Henry A. Gerberding.

Work accepted October 23, 1896.

Improvement Resolution No. 76.—Constructing sidewalks on both sides of Stophlet street from Nelson street to Garden street by grading to a width of ten feet and paving with brick to a width of four feet.

Adopted August 7th, 1896.

Contractor, Julius Remus.

Work accepted August 2, 1896.

Improvement Resolution No. 77.—Constructing sidewalks on the east side of Metz street from the north line of lot No. 2 Old Orchard addition to Guthrie street, by grading to a width of ten feet and paving with brick to a width of four feet.

Adopted August 7th, 1896.

Contractor, Julius Remus.

Work accepted October 23, 1896.

Improvement Resolution No. 78.—Constructing sidewalks on the south side of Fifth street from Wells street to the west line of lot No. 7, Ganzer's addition, and on the north side of Fifth street from Wells street to the west line of lot No. 8 Beck's addition, by grading to a width of six feet and paving with brick to a width of three feet.

Adopted August 21st, 1896.

Contractor, John Draker.

Work accepted October 30, 1896.

Improvement Resolution No. 79.—Constructing sidewalks on the west side of Alliger street from Maumee road to Hugh street by grading to a width of eleven feet and paving with brick to a width of four feet.

Adopted August 21st, 1896.

Contractor, Gustave Horstman.

Work accepted October 23, 1896.

Improvement Resolution No. 80.—Constructing sidewalks on both sides of Force street from Ninth street to Tenth street by grading to a width of fifteen feet and paving with brick to a width of five feet.

Adopted August 21st, 1896.

Contractor, John Draker.

Work accepted December 3, 1896.

Improvement Resolution No. 81.—Constructing sidewalks on the east side of Shawnee avenue from the north line of lot No. 46, Zollars & Swayne's addition to Home avenue, and on the east side of Shawnee avenue from Grace avenue to Home avenue by grading to a width of ten feet and paving with brick to a width of four feet.

Adopted August 21st, 1896.

Contractor, Julius Remus.

Work accepted December 3, 1896.

Improvement Resolution No. 82.—Constructing sidewalks on the north side of Purman street from Warsaw street to the first alley east of Warsaw street by grading to a width of eight feet and paving with brick to a width of four feet.

Adopted August 28th, 1896.

Contractor, George Wilhelm.

Work accepted November 3, 1896.

Improvement Resolution No. 83.—Constructing sidewalks on the east side of Gay street from Pontiac street to Tenth street by grading to a width of twelve feet and paving with brick to a width of five feet.

Adopted August 28th, 1896.

Contractor, W. H. Oetting.

Work accepted November 13th, 1896.

Improvement Resolution No. 84.—Constructing sidewalks on both sides of Greene street from Smith street to Thomas street by grading to a width of ten feet and paving with brick to a width of four feet.

Adopted August 28th, 1896.

Contractor, George Wilhelm.

Work accepted December 3, 1896.

Improvement Resolution No. 87.—Constructing sidewalks on the east side of Walton avenue from Maumee road to the Wayne Trace by grading to a width of eight feet and paving with brick to a width of four feet.

Adopted September 14th, 1896.

Contractor, Gustave Horstman.

Work accepted November 20, 1896.

Improvement Resolution No. 88.—Constructing sidewalks on the south side of Greene street from lot No. 43, Greene's subdivision to Holten avenue by grading to a width of ten feet and paving with brick to a width of four feet.

Adopted October 5th, 1896.

Contractor, George Wilhelm.

Work accepted Dec. 3, 1896.

Improvement Resolution No. 89.—Constructing sidewalks on the west side of Force street from Pontiac street to Ninth street by grading to a width of fifteen feet and paving with brick to a width of five feet.

Adopted November 9th, 1896.

Contractor, Frank Alderman.

Work accepted December 31st, 1896.

SEWERS.

MAIN SEWERS.

Main Sewer Resolution No. 1.—For the construction of a main sewer in the first alley north of Main street from St. Mary's river west to the first alley west of Runion avenue and on Cleveland avenue from the first alley north of Main street to a point 360 feet north of the first alley north of Main street. Said sewer to be a vitrified clap pipe sewer.

Adopted May 27th, 1895.

Julius Remus, Contractor.

Work accepted January 25, 1896.

No main sewer improvement resolutions were adopted during the year 1896.

The following local sewer improvement resolutions were adopted during the year 1895 and the work not accepted until in the year 1896.

Local Sewer Improvement Resolution No. 25.—For the construction of a system of local sewers in and along Broadway, Brackenridge street and other streets and alleys located in the southern part of the Fifth Ward.

Adopted September 9, 1895.

W. H. Oetting & Co., Contractors.

Work accepted April 24th, 1896.

Local Sewer Improvement Resolution No. 28.—For the construction of a 24-inch vitrified clay pipe sewer, commencing at the brick sewer on High street at the first alley west of St. Mary's avenue, thence north in said alley to the north line of Dryer & Williams' addition; also a 28-inch vitrified clay pipe sewer, commencing at the north line of Dryer & Williams' addition in the first alley west of St. Mary's avenue, thence north in said alley to the north line of Spring street; also an 18-inch vitrified clay pipe sewer in the alley between St. Mary's avenue and Franklin avenue from the north line of Spring street to the north line of Putnam street; also an 18-inch vitrified clay pipe sewer in the alley between St. Mary's avenue and Franklin avenue, commencing at the north line of Putnam street to Archer avenue.

Adopted October 8th, 1895.

Contractor, Julius Remus.

Work accepted October 2, 1896.

Local Sewer Improvement Resolution No. 29.—For the construction of a 12-inch vitrified clay pipe sewer in the first alley east of Fairfield avenue from the first alley north of Williams street to Williams street.

Adopted October 28th, 1895.

Contractor, Julius Remus.

Work accepted January 31st, 1896.

The following Local Sewer Improvement Resolutions were adopted during 1896:

Local Sewer Improvement Resolution No. 30.—For the construction of a 12-inch vitrified clay pipe sewer in and along Emily street and the alley between Fisher and Maud streets from the first alley west of Thomas street to Holten avenue.

Adopted March 6, 1896.

Contractor, Eugene VanMeter.

Work accepted July 3, 1896.

Local Sewer Improvement Resolution No. 31.—For the construction of a 12-inch vitrified clay pipe sewer in and along the alley between Lillie street and Walton avenue from the north property line of Milan street to the south line of lot No. 39, Lillie's outlots.

Adopted June 1st, 1896.

Contractor, W. H. Oetting.

Work accepted October 9th, 1896.

Local Sewer Improvement Resolution No. 32.—For the construction of a 12-inch vitrified clay pipe sewer in and along the alley between Calhoun and Harrison streets from the brick sewer in Baker street to the south line of the north half of lot No. 6, Baker's addition.

Adopted June 6th, 1896.

Contractor, W. H. Oetting.

Work accepted October 2, 1896.

Local Sewer Improvement Resolution No. 33.—For the construction of a 15-inch vitrified clay pipe sewer in the first alley south of Hayden street from the brick sewer in Winter street to the east line of Ohio street, and a 12-inch vitrified

clay pipe sewer in aforesaid alley from the east line of Ohio street to Gay street.

Adopted June 15th, 1896.

Contractors, C. E. Moellering & Co.

Work accepted Jan. 11, 1897.

Local Sewer Improvement Resolution No. 34.—For the construction of a 15-inch vitrified clay pipe sewer in the first alley north of Huffman street from the first alley west of Wells street to Short street, and a 12-inch vitrified clay pipe sewer in aforesaid alley from Short street to Hensch street; also a 12-inch vitrified clay pipe sewer in Short street and in the alley south of Putnam street from Short street to Hensch street.

Adopted August 21st, 1896.

Contractor. John Draker.

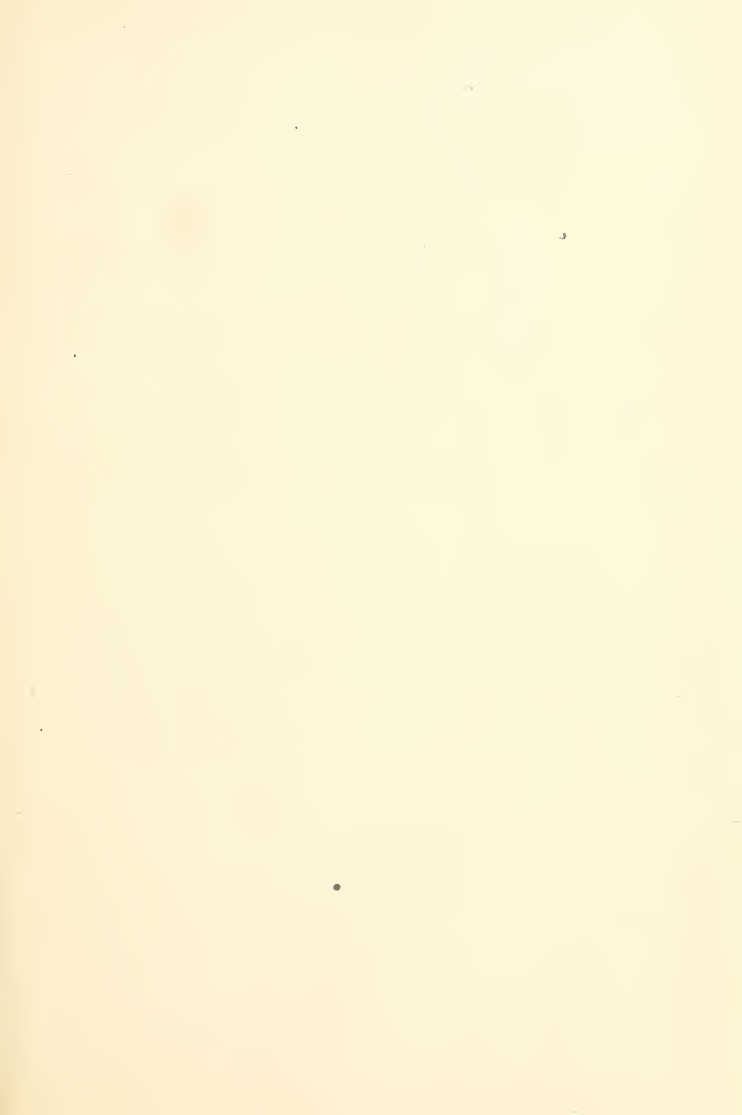
In course of construction December 31st, 1896.

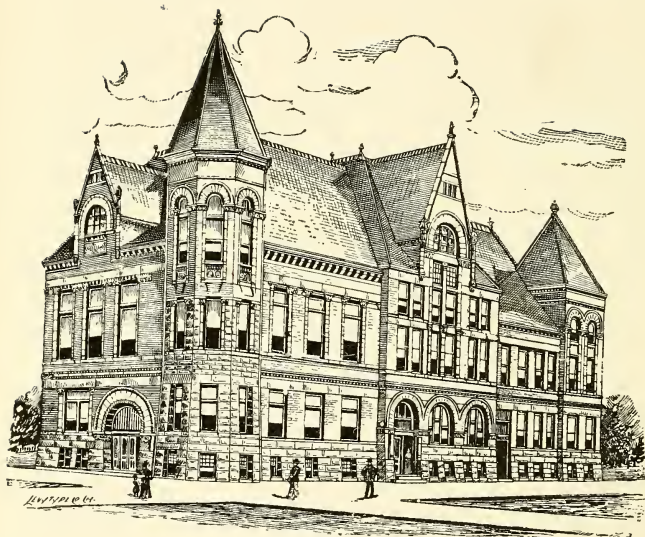
Local Sewer Improvement Resolution No. 35.—For the construction of a 12-inch vitrified clay pipe sewer in and along the alley between Randall street and Maumee road from the brick sewer on Grant avenue to the first alley west of Grant avenue.

Adopted August 21st, 1896.

Contractor, Anton Rieg.

Work accepted Nov. 3, 1896.





CITY HALL.

Public Buildings and Grounds.

We herewith submit an inventory of such real estate owned by the city together with location of same and description of buildings thereon that come under the supervision of the Board of Public Works. All property owned by the city and not enumerated here is in charge of either the Board of Water Works Trustees or the Board of School Trustees.

CITY HALL.

This beautiful building is located on the southeast corner of Barr and Berry streets, having a frontage of 60 feet on Berry street and 150 feet on Barr street. The lot has a frontage of 76 feet on Berry street and is 150 feet deep.

The City Hall is a solid, entire stone structure designed in Romanesque architecture, and consists of basement, first and second story, with a large assembly hall in the third story.

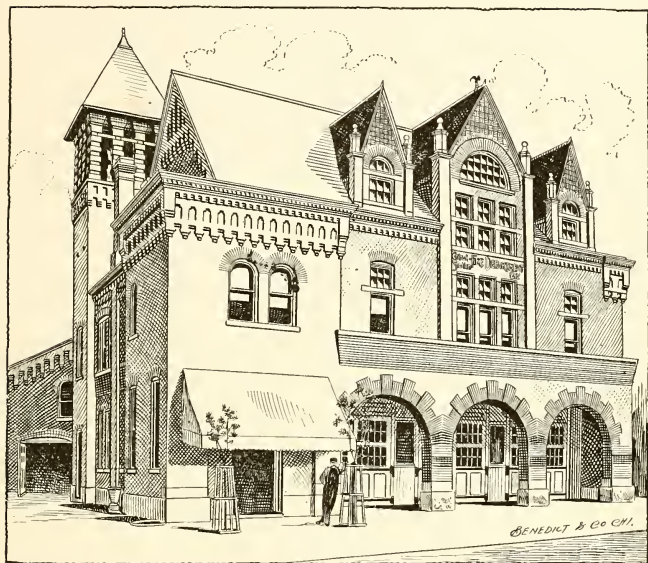
The basement is occupied by the Police Force, with accommodations consisting of general police quarters, private offices, lavatories, store room, cell room, tramp room, together with room for the two horses and wagon of the Police Patrol. Aside from this there are the boiler room of the heating apparatus, two large vaults for preserving records, and the work-

shop and storage rooms of the Department of City Water Works.

On the first floor we find the offices occupied by the city officials, such as Comptroller, Board of Public Works, Department of Water Works, Superintendent of Police and the Police Court Room.

The second floor is occupied by the Council Chamber, Mayor's office, City Attorney, Board of Health, Board of Safety, City Clerk, City Civil Engineer and Associated Charities.

A large assembly hall used for public purposes covers the third story. The building was erected in 1893 at a cost of \$59,385.58 and furnished at an expense of \$10,420.88. The entire building is heated by steam and lighted by electric lights, artificial and natural gas. The lot upon which this building stands was originally donated to the city by the Honorable Samuel Hanna. In 1893 the city bought eighteen feet adjoining on the east, paying therefor \$2,250.00



ENGINE HOUSE No. 1.

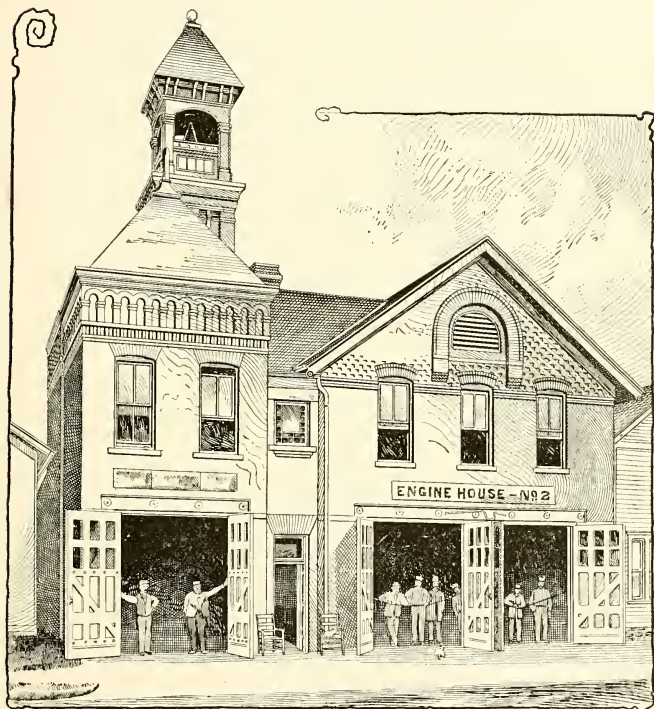
This, our Central Fire Department Station, is located on East Main street, between Barr and Lafayette streets. The general dimensions of the building are 57 feet by 112 feet, and has been designed to meet all requirements of a house of this kind. On the ground floor are the steamer, hose wagon, 75 feet extension ladder truck, six stalls for horses immediately in the rear of the apparatus room with automatically opened doors to stalls. To the front and side of apparatus room is the telephone room and sitting room for the department men. Back of this is the room containing the chief's wagon and

horse, and in the rear of this is the wagon and horse of the electrician and line repairer.

Back of the horse stalls is the repair shop of the department. The second floor consists of the dormitory for the men, sitting room, library, chief's private office, room for the fire alarm instruments, bath room, hay loft, etc.

The building, a substantial brick structure with a liberal amount of cut stone trimmings, is heated with furnace and combination hot water system.

The lot upon which the building stands (lot 31, county addition, 70x150 feet) was bought by the city in 1892 for \$5,000. The engine house was erected in 1893 at a cost of \$12,000.



ENGINE HOUSE No. 2.

This house, located on Wallace street, between Lafayette and Clay, has a frontage of 50 feet and is 60 feet deep, and is a substantial brick building trimmed with cut stone. On the ground floor is apparatus room for steamer, hose wagon, hook and ladder truck, stalls for six horses, with an extra box stall

for sick horses, while the second floor is occupied with dormitory, reading room, bath room, hay loft, etc.

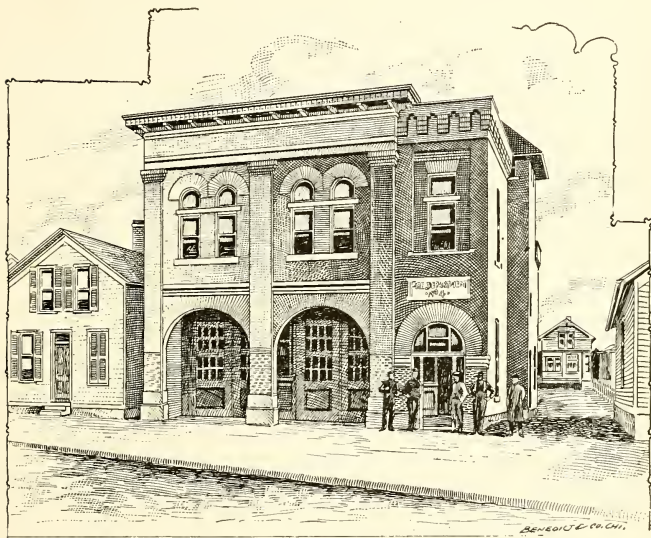
This house was built in 1885, costing \$3,000. In 1889 an addition to it was built costing \$2,000. The lot (No. 206 Lewis' addition, 50x150 feet) was bought in 1870 for \$1,050.



ENGINE HOUSE No. 3.

This house, located on Washington Boulevard, between Harrison and Webster streets, was built in 1893, costing \$5,300.

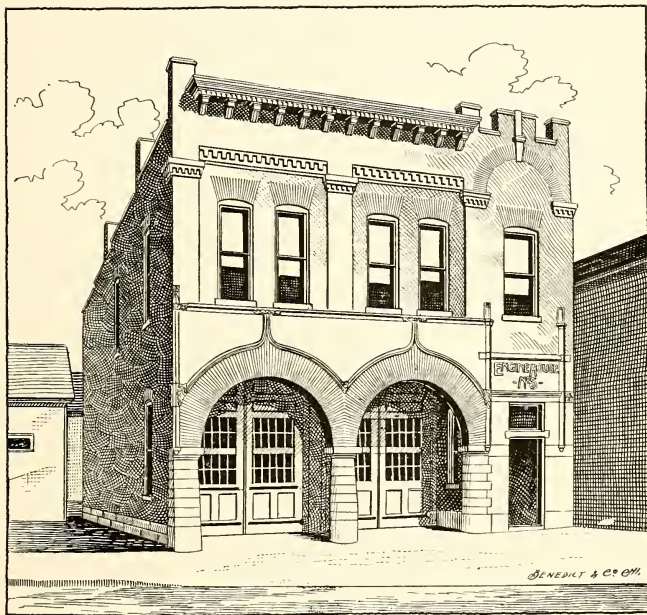
The lot (No. 465 Hanna's addition, 50x150 feet) was bought in 1892, costing \$4,500.



ENGINE HOUSE No. 4.

This house is located on Maumee road, between Ohio and Chute streets. It was built in 1893, costing \$5,220.

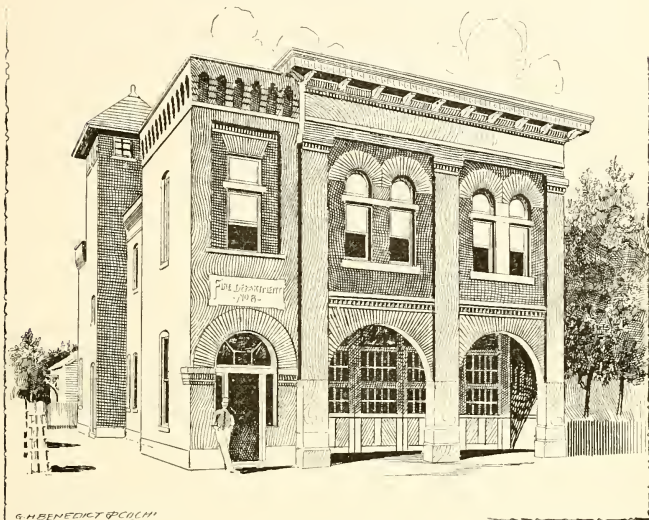
The lot (No. 85 Chute's homestead addition, 50x143 feet) was bought in 1891, costing \$1,200.



ENGINE HOUSE No. 5.

This house, located on Broadway, between Hendricks and Lavina streets, was built in 1893, costing \$5,183.

The lot (No. 32 G. W. Ewing's second addition, was bought in 1890 for \$1,650.



ENGINE HOUSE NO. 6.

This house, located on the northwest corner of Wells and Third streets, was built in 1893, costing \$5,190. The lot (east 80 feet of lot 29, Farnan's addition, $43\frac{1}{2} \times 80$, was bought in 1890, costing \$1,450.

Houses 3, 4 and 6 are of the same design, having a frontage of 37 feet and a depth of 67 feet.

House No. 5 is of a similar design, having a frontage of 34 feet and a depth of 77 feet.

All of these buildings are substantial, being constructed of brick and trimmed with cut stone. Their interior arrangements provide for room for steamer and hose wagon, sitting

room, stalls for four horses on first floor, while the second floor provides for dormitory for the men, captain's office, bath room, hay loft, etc.

The buildings are all in a first-class condition. We found that the iron roofs were badly in need of a good coat of paint, which was given them, this being the extent of repairs made.

PARKS.

North Side Park, containing parts of lot 1, Wells' reserve, area one acre, and all of North Side Park addition except lots 6, 7, 8, 14, 67, 83, 102, 103, 111 and 112, area 30.2 acres; total, 31.2 acres.

Swinney Park, covering 45.25 acres.

McCulloch Park, part of the south one-half of the north-west one-quarter of section 11, township 30, range 12, area 4 acres.

Hayden Park, 1.12 acres.

Old Fort Park, Taber's addition, lot 40, 0.18 acres.

GRAVEL PITS.

Ninde's first addition, lots 1 to 13, bought in 1869 for \$7,000.

Jones' plat, lots 11 and 12, bought in 1884 for \$850, and Jones' plat, lot 13, bought in 1887 for \$1,000, area 2 acres.

East End gravel pit, five acres in south one-half section 6, township 30, range 13, east, bought in 1873, \$15,000.

A triangular piece of ground near West Main street bridge, having a frontage of 51 feet on Rockhill street and 85 feet on Main street.

All of lot No. 6, in block 1, Ewing's addition lying east of Wells street, bought September 27th, 1894, \$1.00.

Lot 19, Zollars & Swayne's addition, was bought in 1892 by the town of South Wayne for a fire engine house site, before it was annexed to the city of Fort Wayne. The price paid for it was \$60.

PUBLIC MARKET.

The public market is located on the east side of Barr street just south of the city hall property, and covers a strip of ground 58 feet wide by 464 feet long, exclusive of Wayne street intersection. The ground was donated to the city by the Honorable Samuel Hanna for market purposes. We would recommend that a neat and substantial cover of some kind be erected over a part of the market space in order to protect patrons against bad weather. This would also insure to the city a higher annual rental for market stands, thereby paying for itself in a few years.

CITY SCALES.

The city scales are located on North Calhoun street near the county jail, and were put in at an expense of about \$500.

CREMATORY.

This building, located on North Clinton street just north of the St. Marys river bridge, is a substantial brick structure 50x50 feet, two stories high, covered with slate roof. The ground floor is occupied by the furnace and storage places for coal, fertilizer, tools and supplies. On the second floor we find the office of the Superintendent, the three fur-

nace openings and driveway for garbage wagons, enabling them to dump their loads into the furnace openings.

The crematory is a Dixon Garbage crematory, guaranteed to incinerate all kinds of garbage, including night soil and dead animals, without producing any offensive odors or causing any nuisance of any kind, and to be capable of consuming twenty tons or more of garbage of all kinds in ten hours, requiring not over one and one-half tons of slack or lump coal in the consumption thereof. The plant was erected in 1895 at a cost of \$8,000, and has been giving perfect satisfaction ever since, doing all that was claimed for it to perfection. For further particulars we respectfully refer you to our report on disposal of garbage.



REPORT OF
CITY CIVIL ENGINEER,
1896.

Report of City Civil Engineer.

ENGINEERING DEPARTMENT, }
FORT WAYNE, IND., January 1st, 1897. }

To the Ponorable Board of Public Works:

GENTLEMEN—The City Civil Engineer, complying with the annual custom, respectfully presents to your honorable body the report of the workings of the Engineering Department for the year 1896, the same being the third annual report under the new city charter.

STATEMENT OF SALARIES AND EXPENDITURES.

Salary of City Civil Engineer.....	\$1,400 00
Salary of Assistant.....	1,020 00
New lot books.....	240 00
Miscellaneous Expenses	90 64
<hr/>	
Total	\$2,750 64

PLANS AND SPECIFICATIONS.

The following plans and specifications have been prepared:

Street Paving	12
Street Grading	5
Alley Paving.....	2

Alley Grading.....	2
Brick Sidewalks	25
Sewers.....	6
Street Openings.....	3
Alley Openings.....	3
Alley Vacations.....	5
	—
Total	63

The tabulated statements contain the kind, length, size and cost of the various improvements made during the year.

UNDERGROUND CONDUITS.

Under the franchise granted the Home Telephone Company, January 14th, 1896, all territory lying between Harrison street on the west, the N. Y., C. & St. L. R. R. on the north, Barr street on the east, and the P., Ft. W. & C. R. R. on the south, the company were compelled to place the wires under ground, and one duct in every conduit is to be reserved by them for the use of the city's police patrol and fire alarm wires.

Under this franchise 1.94 miles of conduit were constructed, embracing 9.5 miles of duct, and were laid in the following streets and alleys:

Court street from Main street to Berry street.

Calhoun street from Superior street to alley south of Grand street.

Clinton street from the alley between Columbia and Main streets to the alley between Wayne and Washington streets.

Main street from Court street to Maiden Lane.

Berry street from Calhoun street to Court street.

Lewis street from Calhoun street to first alley west.

Harmony Court from Main street to first alley south.

Alley between Columbia and Main streets from Calhoun street to a point 94 feet east.

Alley between Columbia and Main streets from Clinton street to Barr street.

Alley between Berry and Wayne streets from Calhoun street to Harrison street.

Alley between Berry and Wayne streets from Calhoun street to a point 217 feet east.

Alley between Wayne and Washington streets from Clinton street to Barr street.

Alley between Wayne and Washington streets from Calhoun street to a point 164 feet east.

Alley between Wayne and Washington streets from Calhoun street to Harrison street.

Alley between Washington and Jefferson streets from Calhoun street to first alley west.

Alley between Grand and Highland streets from Calhoun street to first alley west.

Alley between Calhoun and Harrison streets from Main street to first alley north.

CONTRACTS.

The contracts completed the past year number fifty-two (52), and their character is as follows: Street paving six (6), alley paving two (2), street grading five (5), alley grading two (2), brick sidewalks twenty-eight (28), and sewers nine (9); of the above contracts nine were carried over from last year.

The aggregate amount expended for improvements under

the charge of this department is sixty-eight thousand four hundred and twenty-two dollars and twenty-seven cents (\$68,422.27). This amount exceeds the expenditures of last year nineteen thousand five hundred and ten dollars and ninety-nine cents (\$19,510.99) and is due to an increase in street paving.

STREET PAVING.

The length of streets paved the past season is 9,676 lineal feet or 1.83 miles, the cost of which was \$48,331.92; the material used was vitrified shale block, and 29,929 is the number of square yards necessary for these improvements.

This pavement was laid upon a foundation of broken stone six (6) inches deep with a cushion coat of two (2) inches of sand.

Wells street being the main thoroughfare for a large territory lying north of the river, its paving is probably the most important done during the year.

The improved streets in the city have a length of 21.57 miles, and their different kinds are as follows :

Kind of Pavement.	Miles.	Sq. Yards.
Trinidad asphalt	2.65	55,779
Shale and fire clay brick and block.....	6.43	118,717
Cedar block.....	11.53	236,800
Macadam	0.74	12,523
Cobble stone,.....	0.22	3,658
<hr/>		<hr/>
Total.....	21.57	427,477

ALLEYS PAVED.

Contracts for paving two (2) alleys with vitrified shale block were let, the length of which were 560 feet, the num-

ber of square yards being 870, costing \$1,272.15; 2.10 miles is the length of alleys paved as follows:

Kind of Pavement.	Miles.	Sq. Yds.
Vitrified brick and block.....	1.40	11,150
Cedar block.....	0.50	3,711
Cobble stone.....	0.20	1,036
		<hr/>
Total.....	2.10	15,897

STREETS GRADED.

During the past year five (5) streets or parts of streets were graded, necessitating the handling of 5,941 cubic yards of earth, and the length of the same being 6,183 feet or 1.17 miles, the cost of which was \$1,103.50.

ALLEYS GRADED.

The length of alleys graded was 1,292 feet, which was done under two contracts, costing \$146.03; 362 cubic yards of earth were handled for this work.

SIDEWALKS.

Four and one-half miles of sidewalks were paved with brick the past year. This amount exceeds the length laid the previous year by three and one-half miles; twenty-eight contracts were completed, costing \$7,581.86.

SEWERS.

One main and eight local sewers were constructed during the season, the cost of which was \$9,986.81, and the length of the same is 2.59 miles, consisting of the following sizes:

12 inches.....	0.71 miles
15 ".....	0.69 "
18 ".....	0.70 "
20 ".....	0.39 "
24 ".....	0.10 "
<hr/>	
Total.....	2.59 "

In connection with these sewers twenty-six (26) catch basins and 40 man-holes were built. There remains under construction one local sewer that was not completed at the end of the year.

The following table shows the total length and sizes of the several main and local sewers in the city.

DIAMETER.		MATERIAL.	LENGTH.	
FEET.	INCHES.		FEET.	MILES.
	10	Clay Pipe	592	0.11
	12	" "	30033	5.69
	15	" "	87600	16.60
	18	" "	61666	11.68
	20	" "	9742	1.84
	24	" " and Brick.....	6789	1.30
2	6	Brick.....	8490	1.60
3	0	"	10670	2.02
3	6	"	9220	1.75
4	0	"	9567	1.81
4	6	"	3710	0.70
5	0	"	6835	1.30
6	0	"	17992	3.40
<hr/>			<hr/>	
Totals.....			262906	49.80

STATEMENT OF UNFINISHED WORK.

The only contract that was awarded last year and not completed is under Local Sewer Improvement Resolution No. 34, upon which the time for completion has been extended.

The proximate cost of this sewer is \$728.35.

RECAPITULATION.

IMPROVEMENTS.	LINEAL FEET.	PROPERTY.	COST.	
			CITY.	TOTAL.
Streets Paved.....	9676	\$40,151 03	\$8,180 89	\$48,331 92
Alleys Paved.....	560	1,233 39	38 76	1,272 15
Streets Graded.....	6183	1,055 24	48 26	1,103 50
Alleys Graded.....	1292	145 36	67	146 03
Sidewalks Paved.....	23671	7,427 57	154 29	7,581 86
Sewers.....	13667	9,986 81	.....	9,986 81
Total.....	55049	\$59,999 40	\$8,422 87	\$68,422 27

STATEMENT OF REVENUE AND EXPENDITURES
OF STEAM ROLLER.

Four cents a square yard was charged the contractor where the steam roller was used for street paving, and bills amounting to \$961.51 were turned over to the Comptroller for collection.

The running expenses of the steam roller for the season were:

Engineer.....	\$405 00
Repairs	80 10
Fuel	32 50
Tools	10 60
Oil	2 40
Packing.....	1 64

Total.....\$532 94

Which leaves a balance to the credit of the city of \$428.57.

Very Respectfully,

F. M. RANDALL,
City Civil Engineer.

STREETS PAVED.

Res. No.	CONTRACTOR.	LOCATION.	FROM	TO	MATERIAL.	Width Feet.	Length Feet.	Square Yards.	COST.		Cost per front ft.
									Property.	City.	
46	C. E. Moellering & Co.....	Pontiac Street.....	Calhoun Street...	Lafayette Street..	Shale Block	24	1261	3517	\$ 4,925 02	\$ 693 35	\$ 2.1256
50	C. E. Moellering & Co.....	Montgomery Street.....	" "	Hanna Street....	" " ...	30	2457	8600	11,671 05	1,726 12	2.5940
60	T. B. Empie	Wells Street.....	St. Marys River..	a point 60 ft. N. of L.S.&M.S.R. R.	" " ...	28	300	865	1,188 00	240 76	2.25
61	" "	" "	a point 60 ft. N. of L.S.&M.S.R.R	Huffman Street..	" " ...	33	2496	5605	8,360 76	1,897 12	1.93
62	" "	" "	Huffman Street..	Archer Avenue..	" " ...	30	765	2642	3,989 60	413 41	2.787
72	C. E. Moellering & Co.....	Jefferson Street.....	Broadway.	Garden Street...	" " ...	35	2397	8700	10,016 60	3,210 13	2.506
			Totals				9676	29929	\$40,151 03	\$8,180 89	

ALLEYS PAVED.

Res. No.	CONTRACTOR.	LOCATION.	FROM	TO	MATERIAL.	Width Feet.	Length Feet.	Square Yards.	COST.		Cost per front ft.
									Property.	City.	
68	C. E. Moellering & Co.	Alley between Berry and Wayne Streets	Clinton Street ..	a point 125½ ft. E.	Shale Block	14	195	303	\$ 416 52	\$27 41	\$1.1412
69	J. Remus	Alley between Columbia and Main Streets	Calhoun Street...	Clinton Street...	" "	14	365	567	816 87	11 35	1.1345
			Totals				560	870	\$1,233 39	\$38 76	

STREETS GRADED.

Res. No.	CONTRACTOR.	LOCATION.	FROM	TO	Width Feet.	Length Feet.	Cubic Yards.	COST.		Cost per front ft.
								Property.	City.	
41	W. H. Oetting & Co.	Hoagland Avenue.....	Pontiac Street...	Killea Street....	32	724	1065	\$ 214 71	\$ 7 68	\$.1536
52	J. Remus	Liberty Street.....	Harmer "	Canal "	24	1368	1125	377 02	28 12	.1480
66	W. H. Oetting	Winch Street.....	Maumee Road ...	Wayne Trace....	26	2336	1627	463 51	12 46	.1030
73	G. Wilhelm.....	Leith Street.....	Calhoun Street...	Hoagland Ave....	26	1268	1729	.....	.....	.....
89	J. Draker.....	Force Street.....	Ninth Street.....	Tenth Street....	30	486	395	.....	.....	.....
			Totals			6183	5941	\$1,055 24	\$48 26	.....

ALLEYS GRADED.

Res. No.	CONTRACTOR.	LOCATION.	FROM	TO	Width Feet.	Length Feet.	Cubic Yards.	COST.		Cost per front ft.
								Property.	City.	
43	W. H. Oetting & Co.	Alley bet. Calhoun and Harrison sts	Creighton Ave....	Allen Street.....	12	942	225	\$ 89 36	\$.67	\$.0478
85	J. Draker.....	" " Oak and Summit Sts....	Chute Street.....	Ohio Street.....	14	350	137	\$ 6 00	.....	.08
			Totals			1292	363	\$145 36	\$.67	.....

SIDEWALKS PAVED.

Res. No.	CONTRACTOR.	LOCATION.	SIDE.	FROM	To	Width Feet.	Length Feet.	Cost.		Cost per Front Foot.
								Property.	City.	
38	W. H. Oetting	Oakland street	East	Third street	South line Beck's addition	5	215	\$ 94 60		\$.44
40	W. H. Oetting & Co.	Hoagland avenue	East	Pontiac street	Killea street	5	730	233 69	\$ 19 76	.3466
42	"	"	West	"	South line Ninde's addition	5	324	115 40		.3562
47	H. Porter	Tecumseh street	West	Columbia avenue	Elmwood avenue	5	906	243 00	4 05	.27
48	H. A. Gerberding	Jane street	East	Alley north of Grace street	Grace street	4	617	209 24	1 02	.3408
		Leith street	West	"	"					
49	W. Horstman	Calhoun street	East	S. line lot 3 Fleming & Esm. ad	"	5	1449	436 85	7 35	.3065
		Grace street	North	Calhoun street	Lafayette street					
		Lafayette street	West	Alley north of Grace street	Grace street	5	1356	483 64	12 07	.3656
51	G. Wilhelm	Smith street	East	Creighton avenue	Pontiac street					
53	H. A. Gerberding	Liberty street	South	Begue street	Canal street	4	1269	373 35	2 37	.2960
		"	North	Coombs street	"					
54	G. Wilhelm	"	Both	Harmer street	Begue street	4	932	274 03	4 33	.3093
63	W. Horstman	Erie street	North	Francis street	Harmer	4	376	126 53	5 80	.3515
67	W. H. Oetting	Holton avenue	East	Greene street	Creighton avenue	5	356	109 26	2 20	.3130
70	J. Remus	Belle avenue	South	Shawnee avenue	First alley west	4	289	88 27	1 56	.3108
71	G. Wilhelm	Sherman street	East	Huffman street	Putnam street	4	301	88 52	2 72	.3032
73	"	Leith street	Both	Calhoun street	Hoagland avenue	5	2478	1,295 03	44 00	.5280
74	H. A. Gerberding	Jones	"	Rockhill street	First alley west	4	306	87 60	1 75	.2920
75	"	Swinney avenue	"	Nelson street	Garden street	4	612	151 08	3 02	.2518
76	J. Remus	Stoplet street	"	"	"	4	612	184 01	1 83	.3050
77	"	Metz street	East	N line lot 3 Old Orchard add	Guthrie street	4	589	161 42	4 80	.2822
78	J. Draker	Fifth street	South	Wells street	West line lot 7 Ganser's add	3	1857	359 86	2 54	.1950
		"	North	"	West line lot 18 Beck's add.					
79	G. Horstman	Alliger street	West	Maumee road	Hugh street	4	449	129 43	4 60	.2982
80	J. Draker	Force street	Both	Ninth street	Tenth street	5	972	377 76	4 72	.3934
81	J. Remus	Shawnee ave.	East	N. l. lot 46 Zollars & Swayne ad	Home avenue	4	1469	369 85	6 34	.2756
		"	West	Grace avenue	"					
82	G. Wilhelm	Purman street	North	War-saw street	First alley east	4	378	132 21	2 13	.3552
83	W. H. Oetting	Gay street	East	Pontiac street	Tenth street	5	1032	277 94	3 60	.30
84	G. Wilhelm	Greene street	Both	Smith street	Thomas street	4	1221	357 04	6 25	.2975
87	G. Horstman	Walton avenue	East	Maumee road	Wayne Trace	4	1739	499 63	3 76	.2896
88	G. Wilhelm	Greene street	South	East line lot 3 Greene's add.	Holton avenue	4	285	90 85		.3190
89	F. Alderman	Force street	West	Pontiac street	Ninth street	5	552	77 48	1 72	.1434
Totals							23671	\$7,427 57	\$154 29	

SEWERS.

Res. No.	CONTRACTOR.	LOCATION.	FROM	To	MATERIAL.	Size Inches	Length Feet.	Catch Basins.	Man Holes	Cost Property.	Cost per Abutt.
M. 1	J. Remus....	Alley north of Main street	St. Marys river	Center street.....	Clay Pipe	20	1160				
		“ “ “ “	Center street.....	Watkins street	“ “	18	1425	10	11	\$ 2592 20	\$.50
		“ “ “ “	Watkins street	Alley west of Runnion avenue.	“ “	15	1155				
		Cleveland avenue	Alley north of Main street	Alley north of Park avenue...	“ “	15					
		Brackenridge street.....	Fairfield avenue	Broadway	“ “	18	1314				
		Alley bet. Wilt & Pritchard sts	Broadway	Jackson street	“ “	18					
		“ “ “ “ “ “	Jackson street.....	Union street	“ “	15					
		Alley b. Broadway & VanBuren	Alley bet. Wilt & Pritchard sts	Pritchard street.....	“ “	15	1030				
		Pritchard street.....	Alley west of Broadway.....	Alley east of Jackson street...	“ “	15					
25	W. H. Oetting & Co.	Alley east of Jackson street...	Pritchard street.....	Alley bet. lots 5&6 Chipman add	“ “	15		7	17	2336 39	.7640
		“ “ “ Broadway	Brackenridge street.. ..	Lavina streets	“ “	12					
		“ bet Fulton st & Broadway	“ “	Alley south of Jefferson street	“ “	12					
		“ “ Brackenridge & Sturgis	Alley east of Broadway	Fulton street.....	“ “	12	1094				
		“ “ Broadway & VanBuren	Alley bet. Wilt & Pritchard sts	Wilt street	“ “	12					
		“ west of Broadway	Pritchard street.....	First alley south	“ “	12					
		“ south of Pritchard street.	Alley east of Jackson street..	West line lot 13 Chipman's add	“ “	12					
			High street.....	North line Drier & William's add	“ “	24	525				
28	J. Remus	Alley west of St. Marys ave	North line Drier & Williams ad	Spring street.....	“ “	20	900	6	7	2837 30	.6572
			Spring street.....	Putnam street	“ “	18	950				
			Putnam street	Archer avenue	“ “	15	317				
29	J. Remus.....	Alley east of Fairfield avenue.	Williams street.....	First alley north	“ “	12	156		1	82 80	.45
30	E. Van Meter	Emily street									
		Alley bet Fisher & Maud sts }	Alley bet. Oliver & Thomas sts	Holton avenue	“ “	12	608	2	3	343 80	.4340
31	W. H. Oetting..	Alley bet. Lillie st & Walton ave	Milan street.....	South line Lillie's O. L. No. 39	“ “	12	558		1	305 74	.2895
32	W. H. Oetting..	“ “ Calhoun & Harrison	Baker street.....	S. line N½ lot 6 Baker's add. .	“ “	12	134		1	92 59	.7650
33	C. E. Moeller- ing & Co ...	“ “ Hayden st & Wabash }	Winter street.....	Ohio street	“ “	15	1134	1	6	1273 63	.6454
		“ “ R. R.	Ohio street.....	Gay street.....	“ “	12	1040				
35	A. Reig	“ “ Randall st & Maumee r	Grant avenue	First alley west.....	“ “	12	163		1	122 36	
				Totals.....			13667	26	48	\$9986 81	

REPORT OF
Superintendent of Streets,
1896.

Report of Superintendent of Streets

FORT WAYNE, IND., January 1, 1897.

To the Honorable Board of Public Works:

GENTLEMEN—Herewith please find my annual report for the year 1896, showing the main details of the work done in the various departments under my supervision. Due attention has been given to the various branches of the work as they required it. All paved streets have been properly cleaned and the necessary repairs made when needed. In connection herewith I wish to call your attention to the condition of the cedar block pavement on Calhoun street, our main street for heavy traffic. The pavement there has outlived its usefulness, chiefly owing to the light nature of the material put down, and is beyond all repair. Only such patching was done during the past year as was absolutely necessary, still the expense to the city for these repairs made to this street was quite extensive. Our other cedar block pavements are in a fair condition, and with proper care will last for years to come. All of our asphalt and brick pavements are in a first-class condition and no repairs became necessary to any of them.

In order to enable me to clean our pavements promptly another street sweeper will have to be furnished, as the two

sweepers we now have will not do the work. A great many repairs to sewers became necessary, caused by the very heavy rains during the summer months. The bulk-head of the Hanna street sewer was greatly damaged by the heavy flow of the water, and extensive repairs had to be made. It is now in a better condition than it ever was, the repairs that were made there being of the most substantial character.

I herewith attach a statement showing the expenditures of the various branches of the department to have been as follows:

STREET DEPARTMENT.

Labor for hauling gravel and cinders on		
unimproved streets.....	\$1,266	89
Grading College street.....	104	44
Grading Nelson street.....	91	09
Grading approaches to intersections on		
Pontiac street.....	32	32
Grading approaches to intersections on		
Montgomery street.....	30	50
Grading approaches to intersections on		
Jefferson and Wells streets.....	45	65
Filling grade on West Pontiac street...	14	50
Labor grading unimproved streets with		
road levelers.....	452	40
	<hr/>	
	\$2,037	79
	\$2,037	79
Cedar blocks and freight.....	\$	500 83
Labor repairing cedar block pavements.	595	77
	<hr/>	
		\$1,096 60

Lumber for crossings and culverts.....	\$ 1,096 26	
Labor putting in crossings and culverts.	220 60	
		<hr/>
		\$1,289 86
Labor cleaning and repairing gutters...		3,173 45
Repairs to fountains.....		32 00
Hardware and tools.....		128 11
Tools repaired.....		200 55
Salary Superintendent of Streets.....		900 00
Horse feed.....		125 00
Tags for vehicle license.....		107 00
		<hr/>
		\$9,090 36

STREET CLEANING.

Labor cleaning brick and cedar block pavements	\$4,695 00	
Labor cleaning asphalt pavements.....	956 00	
New brooms and repairs to street sweeper.....	75 00	
Cutting weeds.....	239 00	
Sprinkling market space on Barr street.	115 00	
Salary Asst. Superintendent of streets..	720 00	
		<hr/>
		\$6,800 00

During the year we cleaned 786 miles of street pavement at a cost of \$5,651 00, an average of \$7.18¾ per mile. Of this total there were 391 miles of asphalt cleaned by hand, costing on an average \$2.44½ per mile, and 395 miles of cedar block and brick streets cleaned by machine, costing on an average \$11.90 per mile.

SEWERS.

Labor constructing and repairing catch-basins	\$	389	43	
Repairing sewer corner Coombs and Washington streets		29	00	
Repairing sewer on Murray and LaSelle streets		50	01	
Repairing sewer in alley between Washington and Wayne streets from Calhoun to Harrison streets.				
Labor.....		186	51	
Material.....		30	56	
<hr/>				
Repairing sewer in alley between Maumee road and Oak street from Division to University streets.				
Labor.....	\$	312	72	
Material.....		56	17	
<hr/>				
Repairing Hanna street sewer bulk head.				
Labor.....	\$	287	67	
Material.....		296	25	
<hr/>				
Repairing Clinton street sewer.....	\$	12	78	
Cleaning catch-basins.....		701	07	
Iron covers for man-holes.....		251	84	
Labor flushing sewers.....		320	10	
<hr/>				
		\$2,924	11	\$2,924 11
<hr/>				
Total expenditures.....		\$18,814	47	

During the year 274 street crossings have been put down averaging 42 feet in length, and 142 alley crossings averaging 14 feet in length. We also built and repaired 82 culverts of various sizes.

Respectfully submitted,

FRANK A. WEBER,

Supt. of Streets.

INVENTORY OF TOOLS.

2 Street Sweepers,	1 Fire Hydrant Pump,
3 Steel Frame Road Graders,	4 Mowing Scythes,
2 Plows,	1 Barrel Cement,
19 Mattocks,	9 Snow Shovels,
3 Picks,	1 Barrel Salt,
5 Scoop Shovels,	1 Snow Plow,
3 Spades,	1 Steam Roller,
2 Wire Brooms,	1 Horse Roller,
4 Rattan Brooms,	1 Hose Cart,
2 Hand Saws,	300 Feet of Hose,
1 Cross Cut Saw,	7 Lanterns,
2 Adz,	2 Wheel Barrows,
1 Spirit Level,	5 Asphalt Scrapers,
1 Hand Ax,	4 Garbage Boxes,
1 Square,	17 Iron Sewer Covers,
1 Trowel,	2000 Brick,
1 Log Chain,	2 Ladders,
1 Post Auger,	40 feet of Sewer Pipe,
1 Brace and Bits,	4 Oil Cans,
1 Drawing Knife,	2 Block Mauls,

1 Saw Clamp,	700 Feet of Oak Lumber,
2 Monkey Wrenches,	40 Sq. Yards Cedar Blocks,
1 Grind Stone.	

Respectfully submitted,

FRANK A. WEBER,
Supt. of Streets.

REPORT OF
Superintendent of Parks.
1896.

Report of Superintendent of Parks.

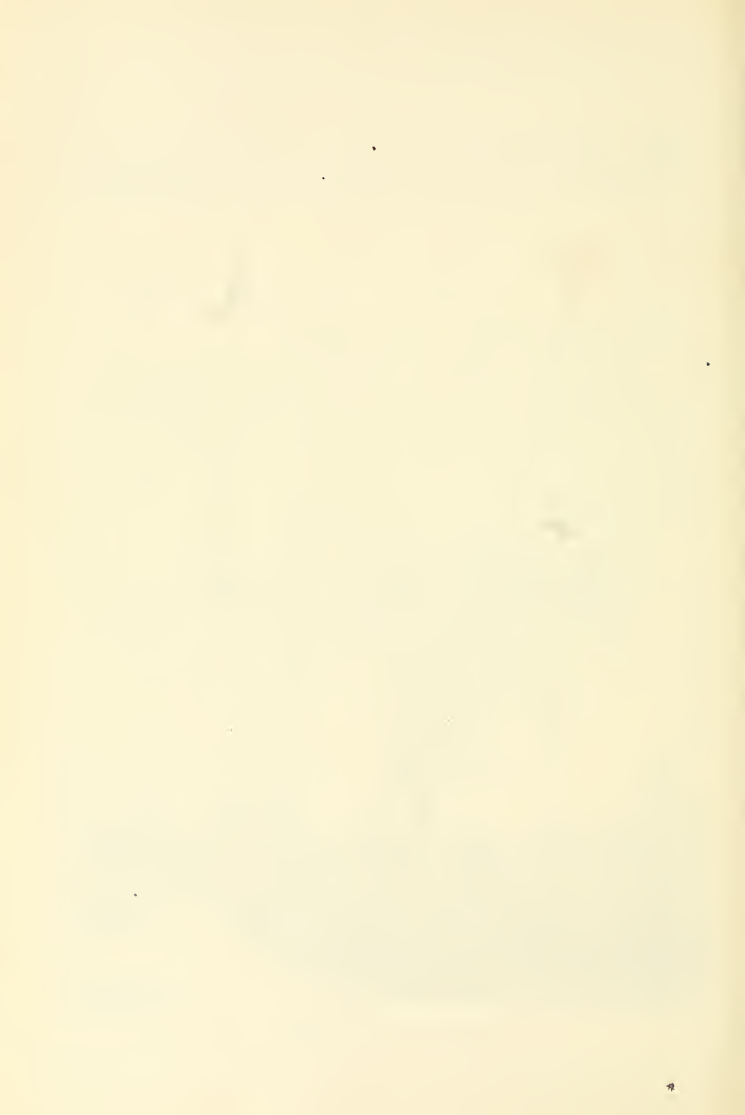
FORT WAYNE, Ind., January 1st, 1897.

To the Honorable Board of Public Works:

GENTLEMEN—I herewith submit to you the annual report of the Department of Parks for the year 1896, showing in detail the improvements made in each of the city's parks during the past year, as well as the condition of each park at present.



NORTH SIDE PARK.



This park covers an area of thirty and one-fifth acres and is located just north of the St. Marys river, between Clinton street on the west and Spy Run avenue on the east side. At the Spy Run avenue entrance we find the beautiful monument erected in memory of the soldiers of Allen county that fell during the war. All greenhouses belonging to the city are located in this park, and all flowers and plants used in ornamenting the various parks during the summer months are propagated and raised here. There are four greenhouses in number, three of them being twelve feet wide and seventy-five feet long, and one being twenty feet wide and seventy-five feet long. All of the houses are heated by two hot water boilers of improved pattern, a Carmodey eight-section boiler, with 1,350 feet of two-inch pipe supplying the three smaller ones, while an internally fired hot water all-steel boiler, shell forty inches in diameter by eight feet long, with 450 feet of two-inch and 185 feet of three-inch pipe furnishes heat for the larger house. The last named heating apparatus was put in during the past year at a total expense of three hundred and fifty dollars and is so constructed that it can supply heat to two additional houses. In connection with the greenhouses is a building fifty-six feet long by twelve feet wide, divided into three rooms. A shed used as tool room and shelter for the pack wagon is located just north of the greenhouses. In addition to the greenhouses we have five large hot beds and thirty-four sash, six feet long and three feet wide. All buildings are in good condition, having just been thoroughly repaired during the past year, using six boxes of 12x16 window glass in reglazing, 25 lbs of white lead, 2 gallons of linseed oil, two barrels of lime, 100 lbs. of nails.

Six hundred and seventy-five feet of flower benches four

feet wide have been rebuilt in the greenhouses during the year. The growing demand for plants and flowers in our parks compelled us to increase our stock every year, so that now our greenhouses are taxed to their utmost capacity. Our present stock for this spring's planting consists of:

3,300 geraniums of different varieties.

1,200 coleus " " "

14,000 alternantheras " "

6,000 eckavereas " "

5,000 canna bulbs " "

300 caladium bulbs.

2,000 bedding blants, mixed.

10 agarfer plants.

1 orange tree.

1 fig tree.

4 banana plants.

We badly need an additional greenhouse this spring, and I would respectfully recommend that one be built as soon as possible.

During the year we laid 150 feet of one and one-half inch water pipe from Fifth street into the greenhouses, raised 150 feet of brick sidewalk on Spy Run avenue one foot and relaid it, graveled all the walks and driveways in the parks, using 222 loads of gravel, besides keeping trees, shrubs, plants, flowers and grass in first-class condition. Sixteen thousand plants and flowers were planted here last spring. During the fall we planted the following young trees in this park:

Norway Maple	65
Hard Maple.....	37
Silver Leaf Maple.....	5
Carolina Poplar.....	5

Box Elder.....	16
American Elm.....	25
Mountain Ash.....	8
Linden.....	19
<hr/>	
Total.....	180

The total number of trees now in this park is 838, consisting of the following varieties:

NATURAL GROWN TREES.

Hickory.....	3
Buckeye.....	2
Hackberry.....	3
Oak.....	4
Locust.....	10
Walnut.....	20
Wild Cherry.....	2
Sycamore.....	5
<hr/>	
Total.....	49

The following varieties of trees and shrubs have been planted in this park :

Sugar maple.....	214
Norway maple.....	138
Cutleaf maple.....	20
American elm.....	64
Camperdown elm.....	3
Catalpa.....	34
Mountain ash.....	20
Linden.....	14
Horse chestnut.....	25

Evergreen.....	37
Weeping birch.....	4
Box elder.....	13
Carolina poplar.....	13
Creeping vine.....	4
Judas tree.....	6
Coffee.....	2
Various shrubs.....	176
Salsburian.....	2
<hr/>	
Total.....	789

SWINNEY PARK.

This, the largest of our parks, is located in the western part of the city, and covers an area of $45\frac{1}{4}$ acres. Hardly three years have passed since this beautiful site along the St. Mary's river was selected for a park and has already become a favorite resort of our citizens. The large grove comprising the northern portion of this park is almost surrounded by water and contains a dense cluster of large natural grown trees, making it the most beautiful spot the city owns. The excellent driveways and walks, the many shady spots provided with seats, the lawn tennis courts, the river banks with its change of scenery, serve to form attractions for thousands of people during the hot summer months. Family picnics held in the grove are a daily occurrence during these months.

The improvements made in this park during the year chiefly consists of the grading of 73,146 square feet of driveway and giving it a coat of gravel to the depth of ten inches, grading 9,360 square feet of walks and coating it with gravel to a depth of six inches, grading 2,400 square feet of walk

and coating it with gravel to a depth of eight inches, the gravel in all cases being well rolled. The unusually heavy rain storms of last summer caused several washouts, necessitating extra expense in making repairs and constructing sewers for protection against a recurrence of trouble of this sort. Two first-class lawn tennis courts were constructed, each 90 feet long by 36 feet wide, one of them being covered with gravel heavily rolled, the other being sodded. A new floor was laid in the pavillion on picnic grounds.

The following list shows the number of various trees planted during the past year :

Sugar maple.....	25
Norway maple.....	10
Silver leaf maple.....	5
Carolina poplar.....	10
Mountain ash.....	2
<hr/>	
Total	52

The following is a list of natural grown trees:

Sycamore	109
Walnut	38
Locust	93
Elm	83
Linden.....	8
Ash	9
Willow.....	10
Hackberry	8
Redhorse.....	4
Buckeye	4
Poplar	6

Oak	1
Various Fruit trees.....	16
	—
Total	389

The following trees and shrubs of various kinds have been planted in this park so far:

Sugar Maple	278
Cut Leaf Maple.....	20
Catalpa	85
Carolina Poplar.....	53
Larix.....	8
Horse Chestnut.....	15
Mountain Ash.....	5
Judas Tree.....	4
Cut Leaf Birch.....	5
Creeping Pine.....	6
Shrubs, various kinds.....	239
	—
Total.....	718

McCULLOCH PARK.

This park is located in the southwestern portion of the city, on Broadway, and covers an area of four acres. A cluster of fine natural grown trees with their shade, the large fountain with its basin, beautiful flowers and plants, cause residents of that neighborhood to feel proud of their park, though small it be. Fifteen thousand plants and flowers were planted here last spring.

All walks were graveled and everything kept in first-class condition. The trees planted here last fall were :

BENEDICT & CO. CHG.

MCCULLOCH PARK.



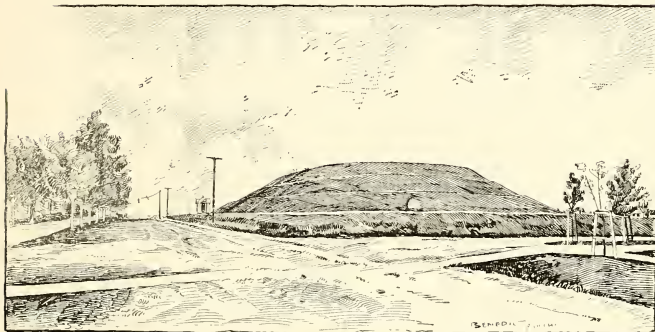
Maple.....	3
Box elder	2
Linden	2
	—
Total	7

The natural grown trees in this park consist of :

Red oak.....	20
White oak.....	14
Wild cherry	3
Mulberry	1
Poplar	2
Hackberry.....	1
Catalpa	1
	—
Total	42

Trees planted here so far consist of :

Evergreens (various kinds).....	110
Maple.....	52
Catalpa	26
Mountain ash.....	7
American elm.....	12
Cut leaf birch.....	2
Linden.....	4
Salisburia	4
Shrubbery (various kinds).....	106
	—
Total.....	323



RESERVOIR PARK.

Reservoir Park, covering an area of 13 acres, is located in the southern part of the city. Part of the eastern portion of it is taken up by the City Water Works Reservoir, this being the highest point in the city. Nearly all the western portion is taken up by an artificially constructed lake, the average depth of which is about three feet, and the water being supplied by the water works reservoir.

During the winter months this lake affords good skating to thousands of people, giving them a pleasing as well as healthful recreation. An island covered with shade trees and made accessible by a rustic bridge is quite an attraction during the summer months. During the past fall ten large sugar maple trees were removed from the court house square and planted on this island. All walks were graveled, 14,500

square feet of terrace sodded and everything kept in first-class condition. The following trees were planted last fall :

Sugar Maple.....	10
NorWay Maple.....	5
Carolina Poplar.....	10
Large Sugar Maples from Court House Square.....	10
<hr/>	
Total.....	35

The following is a list of the various kind of trees now in this park :

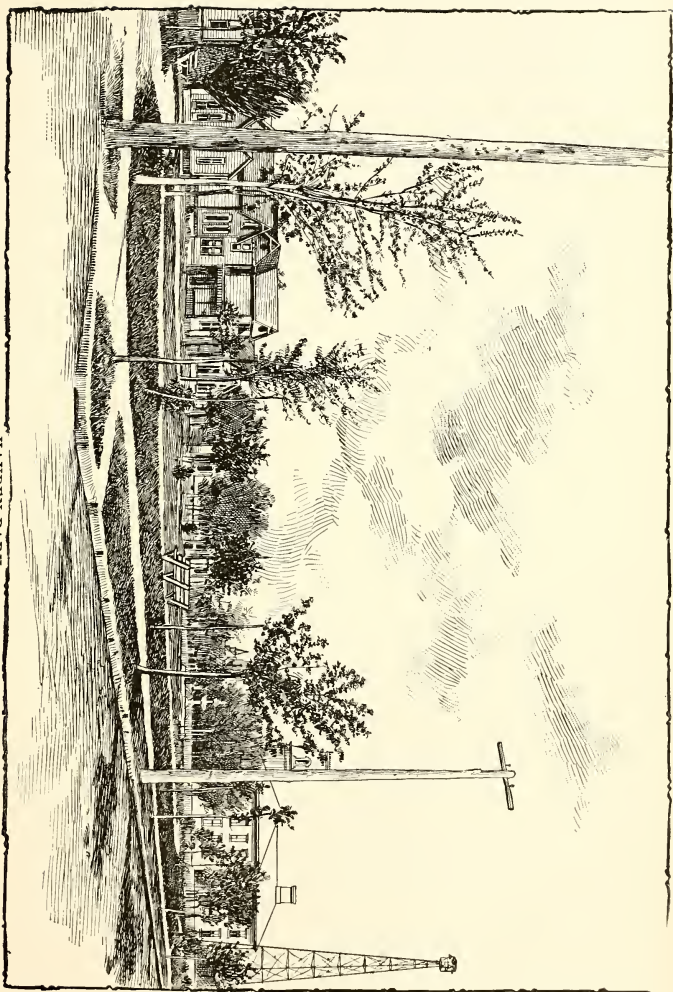
Norway Maple.....	30
Sugar Maple	106
Silver Leaf Maple.....	7
Cut Leaf Maple.....	2
Poplar	52
Linden.....	3
Shrubs.....	5
<hr/>	
Total	205

HAYDEN PARK.

This park, covering an area of one and twelve-one-hundredth acres, is located in the eastern part of the city. Although small, it is a very attractive little spot, the large fountain with its basin, the nice graveled walks, the well sodded lawns, beautiful trees and shrubs, plants and flowers, all serve to make it one of the most beautiful parks the city has got. Last spring 7,000 plants and flowers were planted here, and during the fall the following trees were planted :



HAYDEN PARK.



Norway Maple.....	5
Box Elder.....	5
Linden.....	4
Large Sugar Maple trees from the Court House Square...	2
	—
Total	16

The park now contains the following trees :

Sugar Maple.....	109
Norway Maple.....	13
Cut Leaf Maple.....	2
Silver Leaf Maple.....	9
Linden.....	7
Mountain Ash.....	2
Catalpa	13
Evergreens.....	5
Shrubs, various kinds.....	24
	—
Total	184

OLD FORT PARK.

This park, covering only eighteen-one-hundredths of an acre, is located at the corner of Main and Clay streets, in the central portion of the city. Near by are the forks of the St. Joe and St. Marys rivers, and here is where the fort of General "Mad" Anthony Wayne, so closely connected with the early history of the northwest, stood. Its name will ever be mentioned in history in connection with the settling of the great northwest, and in order to preserve the historic site where the old fort stood, it was dedicated to park purposes.

Last spring eight hundred plants and flowers were planted here. The following trees are in this park :

Pine	2
Sugar Maple.....	11
Cut Leaf Maple.....	4
Mountain Ash.....	1
<hr/>	
Total	18

All shrubs and trees in all of our parks and all of our plants and flowers are in a good, healthy and growing condition.

I herewith express my sincere thanks to His Honor the Mayor, and the Board of Public Works, for the kindness and good will shown to all connected with the Department of Parks during the past year.

Respectfully submitted,

AUGUST GOERS,
Superintendent of Parks.

I herewith attach an inventory of all tools owned and used by Department of Parks :

AT NORTH SIDE PARK.

800 feet $\frac{3}{4}$ -inch garden hose.

3 weed hoes,	3 files,
6 sod edgers,	1 vice,
6 weed gougers,	1 plane,
2 fork spades,	3 grass shears,
1 fork,	1 hedge shears,
2 spades,	1 monkey wrench,
10 wooden rakes,	2 pipe wrenches,

3 steel rakes,	1 hatchet,
4 scythes and snaths,	2 hand axes,
2 sickles,	4 oil cans,
2 picks,	2 trowels,
3 mattocks,	1 hammer,
4 hand lawn mowers,	1 chisel,
1 one-horse lawn mower,	2 coal scuttles,
1 one-horse weed plow,	1 saw set,
1 one-horse wagon,	1 grind stone,
3 wheel barrows,	1 ax,
1 step ladder,	1 lantern,
1 twelve foot ladder,	1 lamp,
1 cross cut saw,	1 lawn mower sharpener,
1 boat (Reservoir Park lake)	1 table,
2 snow shovels,	1 desk,
2 hand saws,	8 chairs,
1 draw knife,	1 stove,
1 square,	1 bedstead & bedding complete
1 screw driver,	4 thermometers,
2 whitewash brushes,	3 planting trowels,
2 paint brushrs,	2 towels,
34 hot bed sash and glass,	1 hand cart,
2 boxes 12x16 window glass,	8 lawn sprinklers,
2,500 flower pots aside from	
those now in use,	2 sprinkling cans,
24 plant vases,	2 wagon loads fertilizer,
6 yards leaf mould,	12 yards potting soil,
2 wire sieves.	

SWINNEY PARK.

2 two-horse dump scrapers,	1 lawn mower,
1 one-horse dump scraper,	1 hay fork,
1 Buckeye mower,	2 shovels,
1 one-horse rake,	1 hand ax,
1 hand roller,	1 sickel,
1 sod cutter,	1 spirit level,
5 wooden rakes,	2 scythes and snaths,
1 steel rake,	1 wheel barrow,
2 picks,	1 hand cart,
2 mattocks,	1 oil can,
2 sod edgers,	2 whet stones,
1 ax,	1 grind stone,
1 sledge hammer,	1 hose clinch,
2 weed gouges,	1 pike pole,
1 hoe,	1 chair,
1 crow bar,	1 mole trap,
2 water buckets,	3 files,
	1 monkey wrench.

REPORT OF
CITY SCAVENGER.
1896.

Report of City Scavenger.

OFFICE OF CITY SCAVENGER, }
FORT WAYNE, IND, January 1st, 1897. }

To the Board of Public Works:

GENTLEMEN—I herewith submit my annual report for the year 1896 showing the number of dead animals removed by me during the past year to have been as follows :

Horses.....	8
Cows.....	1
Dogs.....	143
Cats	71
Chickens.....	68
Rats.....	25
<hr/>	
Total	316

Respectfully,

JOHN TREMMEL,
City Scavenger.

INVENTORY OF CITY CREMATORY.

3 Chairs,	1 Wheelbarrow,
1 Table,	2 Rings for Holes,
1 Stove,	1 Rake,
1 Fork,	1 Scraper,
1 Hook,	26 Envelopes,
2 Shovels,	1 Report Tablet.

A. A. GOCKE,
Superintendent of Crematory.

Department of Public Safety.

1896.

THIRD ANNUAL REPORT
OF THE
Department of Public Safety,
1896.

MEMBERS OF THE BOARD.

CHARLES McCULLOCH, Chairman.

A. I. FRIEND.

GEORGE H. WILSON.



DEPARTMENT OFFICERS.

HOMER A. GORSLINE,	-	Superintendent of Police Force.
WILLIAM BORGMAN,	- -	Captain of Police Force.
HENRY HILBRECHT,	- - - -	Chief of Fire Force.
JOHN SCHROEDER,	- - - - -	City Electrician.



HENRY BUTKE,	- - - - -	City Weighmaster.
WILLIAM ROPA,	- - - -	City Marketmaster.
JOHN TREMMEL,	- - - - -	City Poundmaster.

Department of Public Safety.

FORT WAYNE, IND., January 1, 1897.

To the Honorable Henry P. Scherer, Mayor of the City of Fort Wayne, Ind.:

DEAR SIR:

In compliance with the City Charter, the Board of Public Safety submit the Third Annual Report for the year ending December 31st, 1896.

We have caused an inventory to be made of all the property controlled by this department, which will be found in detail in the reports of the Chief of the Fire Department and Superintendent of Police. These reports have been carefully made and are, as we believe, quite complete in giving the conditions of their respective departments.

We ask a careful consideration of the recommendations they make, which meet with our approval, and are, as we believe, for the best interests of the city.

POLICE FORCE.

When the present Board of Public Safety assumed charge of this department, they recognized the fact that to make the force efficient it must be kept non-partisan, and we have acted

with that aim in view, making removal for the good of the service when we felt called upon to do so. We are confident that the city has never had so efficient a force as at the present time.

They are a well drilled, competent body of men, up to the standard in age, height and weight. In their new uniforms and frock overcoats they make a fine appearance.

FIRE DEPARTMENT.

Taking into consideration the size of our city and the limited number of firemen, we have been exceedingly gratified with the work of the department. The men are efficient and industrious, keeping the different houses, the machinery and horses in admirable condition. When the finances of the city will warrant, we believe that the force should be increased in conformity with the recommendations of the Chief. The men in this department, as well as in the Police Department, realize the importance of thorough discipline. They are instructed to avoid the use of liquor, not to loiter around saloons or public places, and to be gentlemen in every sense of the word. The city can take pride in these departments as they exist today.

The Board and officers of these departments have demanded of the men that they shall be polite and respectful, neat in appearance as well as courageous and watchful in the performance of their duties, being aware that their conduct is always open to public criticism. As a rule the Board believes the men have lived up to these requirements.

The Board on numerous cases have been called upon to act as a collection agency for debts due by some of the men

before they entered the service of the city. We have and shall decline to act in this capacity. We, however, insist that all debts contracted for by men in the service of the city shall be promptly paid.

Respectfully submitted,

CHARLES McCULLOCH,

A. I. FRIEND,

GEORGE H. WILSON,

Board of Public Safety.

REPORT OF
POLICE DEPARTMENT,
1896.

Report of Superintendent of Police.

OFFICE OF SUPERINTENDENT OF POLICE, }
CITY HALL, }
FORT WAYNE, IND., Dec. 31, 1896. }

To the Honorable Mayor and Board of Public Safety:

GENTLEMEN—I have the honor to submit herewith the annual report of the Superintendent of Police for the year ending December 31st, 1896, and with it I wish to make a few recommendations, and trust the Board will consider the necessity of adopting the same at the earliest moment practicable.

The year just closed and the new one beginning finds the department in good condition and on the line of improvement. The discipline of the force is excellent. The changes that have been made have been beneficial to the force; the men all take an interest in their work, and are anxious to become efficient in their line of duty.

RECOMMENDATIONS.

The first, and by far the most important recommendation I desire to make to the board is for a larger force. To afford police protection to the 50,000 population in this city, we have twenty-five patrolmen available, and enjoy the distinction of being the only city in the United States that has one patrolman to every two thousand inhabitants. The law requires

all cities who work under the metropolitan plan to have one patrolman to every one thousand inhabitants. Reports from other Superintendents and Chiefs of Police, in my office, show that some cities have one patrolman to each seven hundred and fifty population. Our patrolmen are divided as follows: For day duty, seven; for night duty, eighteen.

A reference to page 40, rules and regulations of the Police Department (copy enclosed), gives the boundaries of the different police districts; this will give the board an idea of the amount of territory to be covered by each patrolman.

The inadequacy of this number of men for the service required of them is so forcefully self-evident that I need not dwell upon it. Therefore, on this important matter I would earnestly recommend that the Board and Common Council so arrange the levy for next year as to enable them to increase the police force at least ten men. This increase, if granted, will not put the department on a footing of the requirements of the metropolitan forces, of one patrolman to each one thousand population.

I would also recommend that some arrangement be made by which the operating room at the headquarters might be more private. The disadvantages of this room in its present location is quite apparent and has been explained to the Board heretofore. There can be absolutely no privacy, and any orders or instructions given to the officers over any of the telephones can be overheard on the street. More especially is this true in the summer time, when it is necessary to lower the windows for proper ventilation. Orders and instructions given to the officers should be for their ears alone, and not a matter for the passers-by to hear and speculate upon. This

recommendation, if favorably considered by the board, will be very beneficial to the department.

UNIFORMS.

During the year some changes have been made in the uniforms worn by the officers. The old style standing collar blouse having been abolished in favor of the regulation military blouse with collar, and the cape overcoats being replaced by the regulation military frock overcoat. The result has been a great improvement in the appearance of the men and a marked advancement in the general efficiency of the force.

In regard to this branch of the department I would recommend that arrangements be made with the Comptroller by which he will be authorized to pay for cloth for uniforms for the force, after the same has been purchased by the Superintendent of Police, and that the men can repay him for the money so expended.

In purchasing new overcoats for the force this year, we were, through the kindness and influence of Mr. A. I. Friend, Secretary of the Board of Safety, enabled to order cloth direct from the mills, which was cut and sold to the men at the same price paid for it per yard.

The advantages of this plan in securing cloth for new uniforms are many. It insures to the patrolmen the very best of goods at a price lower than the tailor must pay for it. It insures uniformity in color, a very important factor in the blue uniform. The patrolman can take it to any tailor he desires, so long as the tailor complies with the specifications in making it up. The uniforms will be exactly alike and no different shades of blue. This plan has been satisfactory with

the men on the force. Therefore I recommend that it be adopted.

RULES AND REGULATIONS.

There being no rules and regulations governing this department, excepting those given verbally and handed down by custom, your Superintendent was instructed to compile a book of rules to govern the force and present them for the action of the Board.

In accordance with these instructions, I prepared a book of rules and regulations governing the force, presented them to the Board, and they were approved and adopted on June 7, 1896, a copy of which is herewith enclosed.

Each member of the force carries this book with him constantly while on duty, and as all matters contained therein pertain to his duty, he finds it a very convenient book to have.

I would recommend that a new set of harness be purchased for use in this department. The old set, while not entirely worn out, is liable to become useless at any moment, and thereby cause serious inconvenience if not actual mishaps. They have been in the service quite a long time. The leather is cracked and inclined to rot.

I would also recommend that if the old patrol wagon can be repaired and made useful with a small outlay of money, that this be done, and that it be stored in some safe and dry place where it will be taken proper care of. It will be quite useful in case of an accident to the wagon now in use. This is quite necessary, as the new patrol wagon has been to the shop for repairs five times since last May.

DETECTIVE FORCE.

The detective branch of the Police Department is no longer considered an experiment.

The citizens recognize and appreciate this branch of the force, and we are called upon to investigate every class of crime committed, from stealing pigeons and chickens to murder.

With the present detective force it is often impossible to investigate all cases as reported, many of which would be easily cleared up could they be taken charge of immediately, but through forced neglect they become quite troublesome, and often end in a complete failure, for which we and the department in general are censured.

Our work demands prompt and continued attention. When a clue has once been obtained, the officer should not be compelled to leave that work to investigate some other case, but another man should be there to look after it. Therefore, I would recommend the appointment of one more man to assist in this very important branch of the police duty.

Detective George Coling, occasionally assisted by other officers, did the work of this department, which has been entirely satisfactory to myself, and I trust equally so to the Board. I would recommend and urge the Board to adopt the Bertillion system of measurements and identification of criminals. With the assistance of identification there is but little chance of making mistakes in the identity of criminals. It is the one branch of the detective art raised to the level of an exact science.

The salient points are :

First—The person that is measured is mathematically identified.

Second—No two persons measure and classify* alike, any more than two persons look exactly alike.

Third—The measurements never change (not even in death), provided the person is full grown at the time, twenty-two years.

Fourth—The classification is based on head measurements, and holds good at the age of eighteen years, as the skull is full grown at that time.

Fifth—The subject has no control over the bone joints; he can neither add to nor subtract from them.

The question may be asked, Why is the Bertillon system so important?

First—Habits and customs change; the features of a person, which make the photograph an important factor, change after lapse of time.

Second—By the old method, you can find the criminal by his name only.

If, after fifteen or twenty years, he comes back, changed in appearance, forgotten, under a different name, how are you going to find and identify him?

Third—To say that you know a man is not establishing his identity.

Fourth—The most important fact is that the system never fails—and the criminal knows this and fears it.

Our department would be very much benefitted by the adoption of this system.

We could refer to Cincinnati's collection of 8,000 measurements, to Chicago that has still a larger collection, and, in fact, to any place where it is in use, without taking chances of mistaken identity.

By conforming our system to those cities using the Ber-

tillon method, we will be in closer touch, and have a gigantic collection to draw from.

This system can be placed in our department, and a man instructed in its workings for somewhat less than one hundred (\$100) dollars.

I wish to say in conclusion that I believe the Fort Wayne Police Department will compare favorably with any other department in the country of the same size, and I am sure that for gentlemanly deportment, efficient service, and attentiveness to duty, the members thereof cannot be excelled.

I desire to thank His Honor, the Mayor, and the Board of Public Safety for the many favors shown me during the past year; also the Common Council and city officers for their many kindly acts and uniform courtesy.

The following statistical table will show in detail the work done by the department during the year, all of which is respectfully submitted.

H. A. GORSLINE,
Superintendent of Police.

Fort Wayne Police Force.

NAME.	Rank.	Politics.	Weight	Height Ft. In.	Where Born.	When Born
Homer A. Gorsline	Superintend't	Dem.	180	5-10	Indiana	1857
William Borgman	Captain	Dem.	185	5-11	Indiana	1865
Henry Lapp	Lieutenant	Dem.	200	5-11	Germany	1847
Frederick Daseler	Sergeant	Dem.	175	5-11	Indiana	1858
Henry Harkenrider	Sergeant	Dem.	195	5-9 $\frac{1}{2}$	Indiana	1853
Charles Romy	Stationmast'r	Dem.	168	5-8 $\frac{1}{2}$	Switz'r'l'd	1849
Henry Reichard	Patrol Driver	Dem.	176	5-11 $\frac{1}{2}$	Indiana	1863
Joseph Doyle	Patrol Driver	Dem.	156	5-11 $\frac{1}{2}$	Indiana	1873
Emil Smith	Station Clerk	Dem.	145	5-9	Wisconsin	1862
Louis Langard	Station Clerk	Dem.	125	5-6 $\frac{1}{2}$	Indiana	1876
Casper Smith	License Offi'r	Dem.	235	5-7	Germany	1842
Louis Schlaudroff	Humane Offi'r	Dem.	165	5-10	Indiana	1847
John Schroeder	Electrician	Dem.	145	5-6 $\frac{3}{4}$	Ohio	1852
Frank Chevion	Patrolman	Dem.	185	6-	France	1856
Robert Dickson	Patrolman	Rep.	185	5-9 $\frac{1}{2}$	Scotland	1868
Benjamin Elliott	Patrolman	Rep.	205	5-10	Indiana	1861
John Greer	Patrolman	Dem.	200	6-	Indiana	1860
Abraham Goeglein	Patrolman	Dem.	205	5-10 $\frac{1}{2}$	Ohio	1860
George Heller	Patrolman	Dem.	205	5-9 $\frac{3}{4}$	Illinois	1857
Oscar L. Hobbs	Patrolman	Rep.	200	5-11	Ohio	1857
William F. Knock	Patrolman	Dem.	185	5-11 $\frac{1}{2}$	Germany	1860
Patrick Madden	Patrolman	Dem.	195	5-10 $\frac{1}{2}$	Indiana	1862
Patrick Murphy	Patrolman	Dem.	165	5-9 $\frac{1}{2}$	Ireland	1858
John Pageler	Patrolman	Dem.	202	6-3	Indiana	1870
William Pappert	Patrolman	Dem.	165	5-9 $\frac{1}{2}$	Indiana	1865
John W. Palmer	Patrolman	Dem.	185	5-9	Ohio	1857
Ernest Paul	Patrolman	Dem.	200	5-11 $\frac{1}{2}$	Indiana	1864
Nickolas Petgen	Patrolman	Dem.	175	5-9	Indiana	1860
William Roher	Patrolman	Dem.	205	6-2	Ohio	1856
James Richardson	Patrolman	Dem.	180	5-10 $\frac{1}{2}$	Indiana	1865
John K. Stevens	Patrolman	Dem.	167	5-11	Indiana	1858
George Strodel	Patrolman	Dem.	200	6-	Indiana	1862
Charles Spillner	Patrolman	Dem.	200	5-9 $\frac{1}{2}$	Germany	1860
Lot F. Sharp	Patrolman	Rep.	185	5-11 $\frac{1}{2}$	Indiana	1862
Jacob Thomma	Patrolman	Dem.	180	5-9	Indiana	1859
John Terry	Patrolman	Dem.	175	5-9	Michigan	1853
Robert Trebra	Patrolman	Dem.	195	5-10	Germany	1854
Taylor White	Patrolman	Dem.	185	6-1 $\frac{1}{2}$	Ohio	1854
George Cooling	Detective	Rep.	200	5-11 $\frac{1}{2}$	Indiana	1869

Average Age 37

Average Weight 185

Average Height 5 feet 10 $\frac{1}{2}$ inches

Indiana 21 Ohio 6

Illinois 1 Wisconsin 1

Michigan 1 Germany 5

France 1 Switzerland 1

Ireland 1 Scotland 1

Total 39

TOTAL NUMBER OF MEN IN POLICE DEPARTMENT.

Superintendent	1
Captain	1
Lieutenant	1
Sergeants	2
Detective	1
Station Master	1
Humane Officer	1
License Officer	1
Electrician	1
Clerks	2
Drivers	2
Night Patrolmen	18
Day Patrolmen	7
Total	39

LOCATION OF POLICE BOXES.

12,	Corner Berry and Calhoun streets.
16,	“ Main and Harrison streets.
26,	“ Columbia and Barr streets,
27,	“ Lewis and Lafayette streets.
31,	“ Harmer and Washington streets.
34,	“ Broadway and Taylor streets.
46,	“ Third and Wells streets.
52,	“ Hanna and Wallace streets.
63,	“ Calhoun and Williams streets.
71,	“ Broadway and Pritchard streets.
72,	“ Fairfield avenue and Williams street.
73,	“ Calhoun and Baker streets.
132,	“ Calhoun and Jefferson streets.
243,	“ Fulton and Main streets.
251,	“ Main and Cherry streets.

SALARIES OF OFFICERS AND MEN PER ANNUM.

Superintendent.....	\$1,100 00
Captain.....	900 00
Lieutenant.....	840 00
Sergeants	800 00
Detective	720 00
Station Master.....	720 00
*Humane Officer.....	420 00
License Officer.....	540 00
§Electrician.....	420 00
Clerks.....	480 00
Drivers.....	600 00
Patrolmen	720 00

*Balance of salary paid by Associated Charities.

§Balance of salary paid from Fire Force.

STATISTICS OF TRAMPS.

Tramps lodged in January, 1896.	578
“ “ February, “	752
“ “ March, “	792
“ “ April, “	367
“ “ May, “	10
“ “ June, “	15
“ “ July, “	6
“ “ September, “	11
“ “ October, “	112
“ “ November, “	348
“ “ December, “	442

Total.....3,433

RECORD OF PATROL WAGON SERVICES.

Miles traveled by the Patrol Wagon	1,382
Number of wagon runs made	732
Number of prisoners brought in	997
Number of prisoners taken to jail.....	686
Number of sick or injured removed to their homes or taken to hospitals.....	114

NATIVITY OF PERSONS ARRESTED.

Alabama	1	Kentucky.....	9
Arabia	1	Louisiana.....	4
Australia.....	2	Massachusetts.....	10
Asia.....	2	Maryland.....	9
Arkansas	1	Michigan.....	48
Austria	6	Minnesota.....	2
Belgium.....	1	Missouri.....	10
Colorado	2	New Jersey.....	5
Connecticut	5	New York.....	59
California.....	1	Nebraska	6
Canada	6	Norway.....	2
Cuba	1	New Hampshire.....	1
Delaware	1	Nevada.....	1
Denmark	2	Ohio	124
England.....	19	Pennsylvania	88
Egypt.....	2	Poland	3
France	2	Russia.....	1
Greek	3	South Carolina.....	1
Germany	81	Switzerland	10
Hungary	2	Scotland.....	8
Illinois	52	Sweden	2
Indian Territory	1	Texas	1
Iowa	9	Turkey	3
Indiana.....	316	Tennessee	3
Ireland	58	Virginia	5
Italy	6	Wisconsin	10
Kansas	5	Wales	2

Total..... 1,015

OCCUPATION OF PERSONS ARRESTED.

Auctioneer.....	1	Coopers.....	2
Agents	8	Cabinet Makers.....	4
Bakers	13	Carriage Painters	1
Barbers.....	4	Corkers	2
Bartenders	6	Carvers.....	3
Bookbinders	1	Cracker Bakers.....	1
Bookkeepers	3	Cake Bakers.....	1
Buyers	1	Canvassers.....	1
Butchers.....	8	Circus Men.....	1
Ball Players.....	2	Detectives	1
Beggars.....	3	Dressmakers	1
Bill Posters.....	3	Druggists.....	2
Boat Builders.....	1	Drivers	1
Bricklayers	15	Ditchers.....	1
Boilermakers.....	8	Dentists	1
Benders	1	Electrician.....	2
Brickmakers	1	Engineers	5
Brewers	1	Express Drivers.....	1
Basket Makers.....	3	Farm Hands.....	2
Box Makers.....	1	Fortune Tellers.....	3
Blacksmiths	9	Farmers	32
Cattlemen	2	Finishers	1
Carpenters.....	18	Firemen.....	6
Candy Makers.....	1	Florists.....	2
Carriage Makers.....	2	Furniture Workers....	1
Cigar Makers.....	5	Glass Blowers.....	3
Clerks.....	10	Gardeners	1
Coachmen	1	Gas Fitters	2
Car Builders.....	1	Glass Cutters.....	1
Cooks	13	Gamblers	1

Harness Makers.....	1	Pattern Makers	1
Horse Shoers.....	2	Pressmen	3
Helpers.....	3	Peddlers	13
Hostlers	4	Photographers.....	1
Housekeepers	37	Platers	2
Hub Makers	1	Plasterers	4
Hotel Men.....	1	Polishers	3
Horse Jockey	1	Porters.....	2
Hotel Waiters.....	1	Printers	14
Horsemen.....	4	Prostitutes.....	20
House Servants.....	4	Pawn Brokers.....	1
Iron Workers	3	Poultry Dressers	2
Iron Bridge Builders ..	2	Plumbers.....	13
Leather Finishers.....	1	Paper Makers.....	1
Lumber Dealers.....	1	Riveters	1
Linemen.....	4	Roofers	2
Laborers.....	386	Real Estate Agents....	2
Machinists.....	22	Railroad Men.....	40
Masons.....	2	Rolling Mill Hands....	1
Messengers	1	Sailors	3
Millers	4	Saloonkeepers	35
Miners	5	Steam Fitters.....	3
Milk Peddlers,.....	2	School Boys.....	11
Moulders	19	Stavecutters	1
Marine Firemen.....	1	Seamen	2
Newspaper Men.....	1	Stationery Engineers..	1
Newsboys.....	1	Stewards	1
Omnibus Drivers.....	1	Street Walkers.....	1
Packers.....	3	Sewing Machine Agts.	1
Painters.....	19	Second Hand Stores ...	1
Paper Hangers.....	4	Saddlers... ..	1

Sign Painters.....	1	Tramp's wife	1
Switchmen.....	3	Trunk Makers	1
Stenographers	1	Upholsterers.....	1
Chandelier Makers	1	Vagrancy.....	1
Shoemakers.....	4	Wagon Makers	1
Stone Cutters.....	3	Waiters	4
Tailors.....	1	Watchmen.....	1
Tool Dressers	2	Weavers.....	2
Trimmers.....	2	Wire Workers.....	1
Tanners.....	1	Watchmakers	2
Teamsters	8	Wood Workers.....	3
Tinsmiths	6	Waiter Girls.....	1
Turners	2	Waist Makers.....	1

Total.....1,015

Ages of Persons Arrested.

	Jan.	Feb.	March	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Between 10 and 20 ..	4	11	12	22	9	13	4	25	17	15	7	9	148
Between 20 and 30 ..	29	31	35	78	32	29	19	31	44	28	34	39	429
Between 30 and 40 ..	15	8	21	22	29	20	19	26	18	13	26	24	241
Between 40 and 50 ..	4	6	5	16	16	4	13	8	9	12	9	12	114
Between 50 and 60 ..	2	6	5	8	5	1	7	3	6	6	8	6	63
Between 60 and 70 ..	1	---	---	1	1	---	3	1	3	2	2	1	15
Over 70 years	1	---	1	1	---	---	---	---	1	---	---	1	5
Total	56	62	79	148	92	67	65	94	98	76	86	92	1015

SOCIAL CONDITION.

	Jan.	Feb.	Mch.	April	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Married ..	10	10	15	30	22	12	16	22	25	19	23	27	231
Single	46	52	64	118	70	55	49	72	73	57	63	65	784
Total ..	56	62	79	148	92	67	65	94	98	76	86	92	1015

ARRESTS BY DAY AND NIGHT OFFICERS.

	Jan.	Feb.	Mch.	April	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Day	35	31	48	82	60	50	19	50	62	32	23	32	524
Night	18	29	28	57	32	17	44	40	34	30	21	25	375
Penn. Det.	3	2	3	9	---	---	2	4	2	14	42	35	116
Total ..	56	62	79	148	92	67	65	94	98	76	86	92	1015

SEX OF PERSON ARRESTED.

	Jan.	Feb.	Mch	April	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Females ..	4	6	1	16	11	3	6	7	11	4	2	3	64
Males	52	56	78	132	81	64	59	87	87	72	84	89	951
Total ..	56	62	79	148	92	67	65	94	98	76	86	92	1015

Number of Criminals arrested during the year and bound over to the Circuit Court.....	64
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DISPOSITION OF CASES.

Convictions	48
Not yet tried.....	3
Forfeited bond.....	1
Sent to Feeble Minded Institute	1
Released by Order of Court	10
Failure to Indict by Grand Jury	1
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Total	64

RECORD OF POLICE CALL SERVICE.

Total number of box calls answered.....	75,920
Telephone calls answered.....	16,425
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Total calls answered by clerks	92,345

ARRESTS IN 1896—CLASSIFIED BY OFFENSES.

OFFENSES.	January	February.	March.	April.	May.	June.	July	August.	September	October.	November	December.	Total.
Intoxication.....	17	23	29	27	54	34	25	17	30	26	22	18	322
Vagrancy.....	21	4	35	83	15	17	10	1	12	18	10	9	235
Petit Larceny.....	3	10	3	2	1	9	3	5	5	2	1	9	53
Being a Tramp.....								32	20	16	5	3	76
Climbing on Moving Trains..				4	1		2		4		30	20	61
Assault and Battery.....	3		3			1			10		6	4	39
Associating with Prostitutes		9		3	2			2			2		18
Assault, Intent to Kill.....			1		1		2	4	2				10
Prostitution.....		5		5	3		5				2		20
Malicious Trespass.....		2		2	1	2		1		2	1	1	12
Violating Liquor Law.....	5	1		6									12
Gambling.....							5	2				7	14
Carrying Concealed Weapons			1	2				2		3	3	3	14
Burglary.....		1	3			1	2			1			8
Insanity.....	4	2							1				7
Keeping House of Ill Fame..		1		2	4			2	1				10
Trespass.....	2	1	2										5
Peddling Without License..								1	2				3
Begging on Streets.....				6									6
Grand Larceny.....							1	2	2				5
Maintaining Public Nuisance							1	2				2	5
Selling Liquor on Sunday...								3				1	4
Selling liquor without license								3				1	4
Permitting Persons in Sal-													
loon on Sunday.....								2					2
Assault, Intent to Rob.....									1	3			4
Violating the Screen Law...											2		2
Rape.....				1				1	1				3
Violating Nickleson Law....					2								2
Cruelty to Animals.....			1					3				1	5
Forgery.....					1			2					3
Obstructing Public Highway								2					2
Adultery.....					2								2
Drunken Family Disturb'nce						1	1						2
Fornication.....					3								3
Riot.....		3											3
Sabbath Desecration.....						1				2	1		4
Profanity.....	1				1	1							3
Runaway from Home.....								2					2
Murder.....										1			1
House Breaking.....									1				1
Indecent Exposure.....									1				1
Receiving Stolen Property..								1				1	2
Auctioneer Without License					1								1
Permitting Boys in Saloons..			1										1
Non-support of Families.....							1						1
Not Keeping Pawnshop R'cd								1					1
Obtaining Money Under													
False Pretense.....									1				1
Obtaining Goods Under False													
Pretense.....								1				2	3
Criminal Provocation.....											1	1	2
Interfering with an Officer..								1					1
Frequent'g House of Illfame								1	1				2
Involuntary Manslaughter..										1			1
Running Vehicle Without													
License.....										1		6	7
Disturbing Religious Meet'g									1				1
Pickpocket.....												1	1
Bastardy.....												1	1
Held for Criminal Witness..												1	1
Total.....	56	62	79	148	92	67	65	94	98	76	86	92	1015

INVENTORY

OF

PROPERTY ON HAND DECEMBER 31, 1896,

AND VALUE THEREOF.

One Superintendent's Desk	\$ 25 00
One Captain's Desk	18 00
Three Old Desks, (\$3)	9 00
One Hat Rack.....	1 50
Linoleum Office Floor.....	12 00
Twenty-seven Patrolman Stars, (\$1.50)	40 50
Six Officer's Stars, (\$1.50)	9 00
Twenty-two Belts, (50c) twenty-two Clubs, (25c)...	16 50
Twenty-one Police Whistles	2 50
Twenty-two Wrist Chains, (90c)	19 80
Eight Gross Buttons, (\$9.00)	72 00
Three Button Dies.....	32 00
Three Revolving Chairs.....	6 00
Six High Back Oak Chairs	12 00
Twenty-four Hotel Arm Chairs	12 00
One Revolving Chair, Police Court.....	3 00
One Writing Table, Police Court.....	10 00
Twelve Common Chairs	6 00

Two Maps, City of Fort Wayne	10 00
Twenty-four Rosewood Clubs, (90c)	21 60
Twenty-four Belts (\$1.50).....	36 00
Two Bicycles.....	75 00
One Clock.....	5 00
Twenty-four Police Whistles	4 00
Twelve Wrist Chains	10 00
Nine Spittoons.....	4 50
One Clock.....	10 00
Police Telephone System.....	3,000 00
One Hundred and Fifty Rules and Regulations.....	65 00
One White Blanket (for Ambulance).....	4 00
Three Letter Files (50)	1 50
Five Record Books.....	6 00
One Safe.....	5 00
Two United States Maps	5 00
One City Directory.....	5 00
One Gas Stove and Burner.....	6 00
One Stove and Pipe.....	6 00
One Torch	50
Nineteen Dark Lanterns (50c).....	9 50
Two Red Lanterns (37½c)	75
One Oil Can.....	25
Fifty Feet 1-inch Hose.....	7 50
One Sprinkling Can.....	25
Two Pails.....	50
One Stretcher	5 00
Two Carriage Lamps.....	4 00
One Patrol Wagon (new).....	200 00
One Patrol Wagon (old)	100 00
One Patrol Team.....	200 00

One Pair Plyers	50
One Hatchet	25
Curry Comb, Brush and Whip.....	75
Scoop Shovel, Rake and Hay Fork	1 00
One Set Harness.	10 00
One Pair Blankets	4 00
Supply of Liniment Bandages, Iodoform, etc	2 00
Hay, 1,500 lbs.	4 67
Oats, 50 bushels	7 50

Total.....	\$4,145 32
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REPORT OF
FIRE DEPARTMENT.
1896.

Report of the Chief of the Fire Force

FORT WAYNE, Ind., Jan. 1st, 1897.

To the Honorable Board of Public Safety:

GENTLEMEN—I herewith submit to you the annual report of the fire department for the year ending December 31st, 1896. This report will be found to contain statements in detail of the condition of the department, a record of all fires and alarms that have occurred during the year, the loss on property and the insurance, as nearly as could be ascertained, together with such recommendations as I believe necessary to increase the efficiency of this department.

FIRES.

During the year the department responded to one hundred and four alarms. Loss by fire amounted to \$17,207; insurance on the property, \$309,000; insurance paid, \$15,682.

MANUAL FORCE.

The force of the department at present consists of forty-six men, as follows: One Chief, one Electrician, six Captains, six Engineers, fourteen drivers, seventeen Hosemen and one telephone Operator.

APPARATUS.

The apparatus in service consists of five steam fire engines, five hose wagons, one four-wheel hose carriage, one chemical engine, one aerial extension ladder truck, one city hook and ladder truck, one Chief's wagon, one fire alarm repair wagon.

HORSES.

There are thirty-two horses in service. They are in good condition with the exception of a few that are old, and they should be replaced by young horses. Four horses were purchased during the year, giving in part payment four unfit for the service.

HOSE.

There are in the department 10,750 feet of cotton hose; about one-half is first-class, the rest has been in use for some years, and is not reliable. I would recommend the purchase of 4,000 feet this year.

FIRE ALARM TELEGRAPH.

This very important branch of the Fire Department has been kept in perfect order under the management of Electrician Schroeder. Two new boxes have been added. The system consists of thirty-three miles of wire, sixty-three public alarm boxes and three private alarm boxes, one hundred and forty battery cells, one bell striker, six combined gongs and indicators, and one automatic eight circuit repeater.

ENGINE HOUSES.

ENGINE HOUSE No. 1.

The Central Station of the fire department is located on Main street between Barr and Lafayette streets. The building is a

two-story brick. The apparatus of this house consist of one first-class double Amoskeag engine, with a capacity of seven hundred gallons per minute, one hose wagon, one aerial extension ladder truck, one chief's wagon, one fire alarm wagon, nine horses, and twelve men. The repair shop connected with this building is equipped with a three-horse power gas engine, one eighteen-inch Lodge & Davis lathe, one twenty-inch swing upright Lodge & Davis drill press, one eight-inch emery wheel, one forge, anvil and vises. All the repairs to engines are made in this shop and nearly all repairs to other apparatus.

ENGINE HOUSE NO. 2.

Is located on Wallace street, between Lafayette and Clay streets. The building is a two-story brick. The apparatus of this house consist of one first-class Silsby engine. This engine is old and not reliable, and should be replaced by a new engine at once. One hose carriage, one hook and ladder truck, seven horses, and eight men.

ENGINE HOUSE NO. 3.

Is located on West Washington street, between Harrison and Webster streets. The building is a two-story brick. The apparatus of this house consist of one double fifty-gallon Champion chemical engine, one hose wagon, four horses, and six men.

ENGINE HOUSE NO. 4.

Is located on Maumee avenue, between Ohio and Chute streets. The building is a two-story brick. The apparatus of this house consist of one third-class double La France

engine with a capacity of 650 gallons per minute, one hose wagon, four horses and six men.

ENGINE HOUSE No. 5.

Is located on Broadway between Hendricks and Lavina streets. The building is a two-story brick. The apparatus consist of one third-class double LaFrance engine, with a capacity of 650 gallons per minute, one hose wagon, four horses and six men.

ENGINE HOUSE No. 6.

Is located at the corner of Third and Wells streets. The building is a two-story brick. The apparatus consist of one third-class double LaFrance engine, with a capacity of 650 gallons per minute, one hose wagon, four horses and six men.

RECOMMENDATIONS.

I would recommend to increase the force of the department, especially at the Central Station, for the aerial extension truck. This truck at the present time is manned by two men, a driver and tillerman, and it requires eight men to raise the main ladder. I would recommend to add at least three men to this truck. I do not believe there is another city in the United States running an aerial truck with but two men. I again renew my recommendation to remove the Lowry hydrants and replace them with post hydrants. The underground hydrants are not reliable and too complicated for fire use. I would also recommend that the number of hydrants be increased in the business or manufacturing districts, so as

to have at least a hydrant at the intersection of all streets, also hydrants at alleys near large business blocks, in the districts described. Hydrants at the following locations are badly needed: At the corner of Berry and Clinton streets, corner of Main and Court streets, on Columbia street between Calhoun and Harrison streets, corner of Harrison and Pearl streets, on Calhoun street between Wayne and Washington streets, on Calhoun street between Washington and Jefferson streets, corner of Calhoun and Baker streets, corner of Hanna and Hough streets.

I would recommend that about fifteen miles of hard drawn copper telegraph wire be purchased to replace the iron wire which is old and has been in service many years.

I wish to call your attention to the necessity of an engine house for that portion of the city known as South Wayne, and one in that portion known as Nebraska. The demand for these improvements are simply a result of the city's rapid growth. These districts should have the same protection as other parts of the city. I would recommend that lots be purchased for this purpose as soon as possible. I also recommend to purchase the lot adjoining the Central Engine House, It will not be long when it will be necessary to have in this department one extra engine and a supply wagon, and it will not be many years when it will be necessary to place a water tower in the service, and all of these apparatus should be placed at the Central Station. We also need more store room; as it is at present we have no room to store apparatus.

In conclusion I wish to express my thanks to His Honor, the Mayor, and the Board of Public Safety for the support given me in increasing the efficiency of this department; to the

Superintendent and members of the police force for valuable assistance rendered at fires, and to all city officials for courtesies shown me. To the officers and members of the Fire Department my thanks are especially due for the satisfactory manner in which they have performed their duties.

Respectfully submitted,

HENRY HILBRECHT,
Chief of the Fire Force.

INVENTORY. .

No. 1 ENGINE HOUSE.

1 1st-class Amoskeag St'mer	1 Buggy, for Chief.
1 Preston Aerial Truck.	1 Line Wagon.
1 Hose Wagon.	1 Coal Wagon.

SUPPLIES ON STEAMER.

2 Lengths Suction Hose.	1 Oil Can.
1 Coal Shovel.	1 Cold Chisel.
1 Torch.	1 Hydrant Wrench.
1 Poker.	1 Monkey Wrench.
1 Hammer.	1 Axe.
8 Feet Steam Hose.	2 Play Pipes.

SUPPLIES ON WAGON.

1000 Ft. 2½ in. Cotton Hose.	1 Pike Pole.
2 Lowry Hydrant.	1 Hose Clamp.
1 Hydrant Pump.	1 Canvas Cover.
2 Hydrant Wrenches.	1 Rubber Bucket.
2 Hay Hooks.	1 Hose Leak Stop.
2 Torches.	2 Play Pipes.
1 Axe.	1 Crow Bar.

1 Monkey Wrench.	1 Ball Nozzle.
1 Sledge Hammer.	100 Feet Rope.

SUPPLIES ON TRUCK.

2 5-Gal. Hand Extinguish's	3 Life Belts.
2 Pompier Ladders.	2 Hay Forks.
2 Torches.	2 Shovels.
2 Axes.	1 Crow Bar.
1 Hay Hook.	2 Hose Clamps.
1 Wire Cutter.	1 Door Opener.
200 Feet Rope.	6 Pike Poles.
1 Sledge Hammer.	1 Set Double Trees.

HOUSE.

3 Dbl. Set Swing'g Harness	3 Sheet Iron Stoves and Pipe.
2 Sgl Set Swing'g Harness	2 Jacks.
9 Horses.	1 Looking Glass.
9 Bridles.	1 Book Case.
1700 Ft. 2½ in. Cotton Hose.	3 City Maps.
12 Beds complete.	5 Whips.
10 Ton Coal.	3 Dusters.
4 Tons Hay.	6 Wooden Buckets.
50 Bu. Oats.	1 Doz. Brooms.
4 Bu. Bran.	1 Doz. Hose Spanners.
17 Cane Bottom Chairs.	2 Sprinkling Cans.
12 Wooden Chairs.	1 Gas Lighter.
40 Lbs. Waste.	2 Dust Pans.
4 Mop Sticks.	5 Snow Shovels.
27 Towels.	6 Hay Forks.
1 Towel Roller.	1 Scoop Shovel.
50 Feet 1 in. Hose.	3 Ropes and Pulleys.

3 Brass Sliding Poles.	5 Curry Combs.
5 Brushes.	2 Saddles.
2 Wash Stands.	1 Bbl. Salt.
2 Desks.	2 Tables.
2 Revolving Chairs.	1 Set Line Tools, complete.
2 Bath Tubs.	5 Extra Horse Collars.
1 Heater and 3 Tanks.	11 Cuspidors.
3 Clocks.	8 Horse Blankets.
1 Copper Tank.	1 Mat.
1 Furnace.	1 Set Grates for Engine.
3 Radiators.	4 Extra Hydrant Wrenches,
2 Iron Stoves with Pipe.	2 Hose Expanders.
4 Gongs on Apparatus.	

WORK SHOP.

1 Three H. P. Gas Engine.	1 Vice Bench and 2 Vices.
1 L. & D. Lathe with Tools	1 Carpenter Bench.
1 " Drill Press with Tools	1 Forge.
1 Anvil.	1 Bellows.
1 Emery Wheel.	1 Force Pump.
Line Shafting and Pulleys.	1 Grind Stone.
100 Lbs. Blacksmith Coal.	2 Hand Saws.
30 Gal. Machine Oil in Tank.	2 Step Ladders.
30 Gal. Cylinder Oil in Tank.	1 Oil Pump.
55 Gal. H. L. Oil in Tank.	2 Sledge Hammers.

GAMEWELL FIRE ALARM.

1 Repeater on Desk.	1 Trip.
1 Switch Board on Desk.	1 Tower Bell.
Lightn'g Arresters on Desk.	1 Bell Striker.
Galvanometers on Desk.	3 Battery Stands.

Keys on Desk. 143 Battery Cells.

1 Gong and Indicator.

Private Telephone System with Switch Board Complete on Desk.

NO. 2 ENGINE HOUSE.

1 1st-class Silsby Steamer. 1 Coal Wagon.

1 Truck with Ladders. 1 Hose Reel.

SUPPLIES ON ENGINE.

1 Suction Hose. 1 Hammer.

1 Set Engine Wrenches. 2 Oil Cans.

2 Monkey Wrenches. 1 Cold Chisel.

1 Torch. 1 Coal Shovel.

SUPPLIES ON TRUCK.

2 Sledge Hammers. 1 Set Double Trees.

1 Pompier Ladder. 2 Torches.

2 Hay Forks. 2 Picks.

4 Pike Poles.

SUPPLIES ON REEL.

1000 ft. 2½ inch Cotton Hose. 2 Torches.

1 Lowry Hydrant. 1 Axe.

1 Hydrant Pump. 2 Hose Clamps.

3 Hydrant Wrenches. 2 Play Pipes.

1 Hose Leak Stop. 2 Crow Bars.

HOUSE.

7 Horses. 50 feet 1-inch Hose.

3 set Dble Swing'g Harness 6 Horse Blankets.

1 Extra Hose Reel.	250 feet Rope.
1000 feet 2½ in. Cotton Hose.	21 Chairs.
2 Ton Coal.	20 Towels.
2 Ton Hay.	1 Gong and Indicator.
150 Bushels Oats.	1 Tower Bell.
3 Bushels Bran.	1 Bath Tub and Heater.
2 Brass Sliding Poles.	9 Beds Complete.
1 Clock.	2 Iron Stoves with Pipe.
1 Desk.	1 Vise.
1 Anvil.	1 Towel Roller.
1 Trip.	1 Jack.
1 Step Ladder.	1 Dust Pan.
1 Saw.	3 Brushes.
3 Curry Combs.	1 Snow Shovel.
3 Whips.	3 Rakes.
1 Hand Saw.	2 Dusters.
6 Brooms.	1 Saddle.
10 Cuspidors.	2 Scoop Shovels.
3 Hay Forks.	1 Force Pump.
2 Mop Sticks.	2 Pulleys.
1 Gas Lighter.	1 Table.
1 Cot.	1 Map City of Fort Wayne.
1 Sprinkling Can.	6 Buckets.
3 Baskets.	1 Portable Forge.
	1 Wash Stand.

No. 3 ENGINE HOUSE.

1 Chemical Engine.	1 Hose Wagon.
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SUPPLIES ON CHEMICAL.

200 Feet Hose.	1 Bar.
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1 Extension Ladder.	1 Hay Hook.
2 Nozzles.	1 Hatchet.
2 Pike Poles.	1 Torch.
2 Axes.	1 Monkey Wrench.
2 Leather Buckets.	1 Large S. Wrench.
2 Acid Jars.	1 Hydrant Wrench.
2 Sacks of Soda.	1 Cap Wrench.
2 Spanners.	1 Whip.
1 Sledge Hammer.	2 Hitching Straps.

SUPPLIES ON WAGON.

1000 Ft. 2½ in. Cotton Hose.	1 Canvas Apron.
1 Gong.	2 Hose Clamps.
1 Lowry Hydrant.	6 Spanners.
2 Hydrant Wrenches.	1 Whip.
1 Monkey Wrench.	2 Hitching Straps.
100 Feet ¾ inch Rope.	2 Play Pipes.
1 Hose Leak Stop.	2 Torches.
1 Axe.	1 Small Tip.
1 Canvas Cover.	1 Bar.
	1 Sledge Hammer.

HOUSE.

4 Horses.	125 Bu. Oats.
2 Set Dbl. Swing'g Harness	3 Bu. Bran.
2050 Ft. 2½ in. Cotton Hose.	100 Ft. ¾ in Rope and Pulleys.
2 Ton Hay.	100 Ft. Old Chemical Hose.
50 Feet 1 in. Hose.	4 Iron Stoves with Pipe.
6 Beds Complete.	2 Curry Combs and Brushes.
2 Brass Sliding Poles.	1 Box Harness Soap.
1 Gong and Indicator.	1 Work Bench.
1 Bath Tub with Tank	1 Play Pipe (extra).

16 Chairs.	1 Mat.
1 Trip.	1 Clock.
1 Table.	1 Desk.
2 Dusters.	1 Dust Pan.
1 Sprinkling Can.	1 Step Ladder.
1 Coal Oil Can.	4 Horse Blankets.
17 Window Curtains.	3 Extra Hanging Bars.
1 Gas Lighter.	4 Blind Bridles.
2 Wash Stands.	4 Iron Feed Boxes.
1 Carboy Acid ($\frac{1}{3}$ full).	1 Jack.
1 Bbl. Soda.	1 Shovel.
2 Rakes.	1 Stove Poker.
1 Glass Acid Pitcher.	1 Horse Comb.
6 Brooms.	1 Saddle.
4 Bridles.	4 Lanterns.
3 Hay Forks.	1 Vise.
1 Ladder.	1 Stay.
1 Iron Water Trough.	1 Scale.
4 Stall Straps.	2 Gal. Coal Oil.
2 Scoop Shovels.	2 Torches (extra).
1 Copper Tank.	2 Mop Sticks.
20 Towels.	2 Towel Rollers.
1 Box Tapers.	2 Looking Glasses.
6 Cuspidors.	6 Wood Buckets.
1 Map, City of Fort Wayne.	

No. 4 ENGINE HOUSE.

1 3d Class LaFrance St'm'r.	1 Hose Wagon.
1 Smith Heater.	2 Tanks.
1 Force Pump.	

SUPPLIES ON STEAMER.

2 Lengths Suction Hose.	1 Fire Shovel.
1 Set of Engine Wrenches.	1 Torch.
2 Monkey Wrenches.	1 Screw Driver.
1 Hydrant Wrench.	1 Cold Chisel.
1 Siamese Coupling.	2 Lanterns.
1 Hose Spanner.	1 Hammer.
5 Play Pipe Tips.	1 Apron.
3 Oil Cans.	1 Poker.
1 Set Extra Grates.	

SUPPLIES ON WAGON.

1000 Ft. 2½ in. Cotton Hose.	1 Hose Clamp.
1 Extension Ladder.	1 Pike Pole.
1 Canvas Cover.	1 Hay Hook.
3 Play Pipes	2 Torches.
1 Stay.	2 Axes.
1 Ball Nozzle.	1 Apron.
2 Hydrant Wrenches.	1 Crow Bar.
1 Hydrant Pump.	4 Hose Spanners.
75 Ft. ¾ in. Rope,	1 Shovel.
1 Hose Leak Stop.	1 Sledge Hammer.

HOUSE.

4 Horses.	7 Beds Complete.
2 Set Dbl. Swing'g Harness.	1 Gong and Indicator.
4 Ton Coal.	1 Trip.
1 Ton Hay.	20 Chairs.
100 Bu. Oats.	1 Sprinkling Can.
1 Mat.	2 Brushes.

4 Bu. Bran.	1 Map, City of Fort Wayne.
18 Fire Alarm Tel. Poles.	3 Large Oil Cans.
2 Brass Sliding Poles.	2 Hay Forks.
50 Feet 1 inch Hose.	1 Rake.
1 Saddle.	9 Brooms.
175 Feet Rope.	1 Mop Stick.
4 Horse Blankets.	1 Hand Saw.
6 Cuspidors.	4 Files.
1 Cot.	1 Wash Stand.
1 Vise.	1 Hatchet.
1 Jack.	1 Table.
20 Towels.	1 Desk.
2 Dusters.	1 Pulley.
1 Bath Tub.	1 Gas Lighter.
2 Towel Rollers.	1 Basket.
1 Looking Glass.	2 Curry Combs.
4 Wooden Buckets.	3 Iron Stoves with Pipe.
2 Whips.	1 Scoop Shovel.

NO. 5 ENGINE HOUSE..

1 3d-class LaFrance Steamer 1 Hose wagon.

SUPPLIES ON STEAMER.

2 Lengths Suction Hose.	1 Screw Driver.
1 Set Engine Wrenches.	1 Apron.
1 Cold Chisel.	1 Spanner.
1 Monkey Wrench.	1 Coal Shovel.
5 Play Pipe Tips.	2 Horse Blankets.
1 Oil Can.	1 Torch.
1 Poker.	6 Feet Steam Hose.
2 Lanterns.	1 Whip.

SUPPLIES ON WAGON.

1000 Ft. 2½-in. Cotton Hose.	1 Pike Pole.
1 Hay Hook.	2 Torches.
2 Axes,	1 Shovel.
2 Tips,	1 Extension Ladder.
4 Spanners.	1 Hydrant Pump.
1 Whip.	1 Hydrant Wrench.
1 Small Axe.	1 Monkey Wrench.
1 Apron.	75 Feet Rope.
1 Hose Leak Stop.	2 Horse Blankets.
1 Ball Nozzle.	1 Canvas Cover.
2 Play Pipes.	1 Crow Bar.
	1 Sledge Hammer.

HOUSE.

4 Horses.	2 Set Dbl. Swinging Harness.
1 Gong and Indicator.	7 Beds, Complete.
1 Trip.	1 Smith Heater.
50 Feet 1-inch Hose.	2 Brass Sliding Poles.
3 Stoves with Pipe.	2 Water Tanks.
1 Scoop Shovel.	4 Bridles.
1 Extra Bridle.	1 Rake.
2 Stays,	4½ Tons Coal.
1 Rope and Pulley.	1 Ton Hay.
2 Sponges.	1 Basket.
150 Bushel Oats.	13 Window Curtains.
2 Bushel Bran.	1 Set Extra Grates for Steamer.
8 Brooms.	2 Wash Stands.
3 Gallons Machine Oil.	20 Towels.
1 Jack.	2 Mop Sticks.

1 Desk.	1 Sprinkling Can.
1 Bath Tub.	2 Files.
1 Hand Saw.	2 Towel Rollers.
1 Table.	1 Looking Glass.
1 Hatchet.	6 Cuspidores.
1 Can Axle Oil.	1 Vise and Bench.
2 Dusters.	1 Saddle.
1 Cot.	20 Chairs.
2 Curry Combs.	1 Mat.
2 Dust Pans.	2 Horse Brushes.
2 Hay Forks.	4 Buckets.
1 Force Pump.	1 Map City Fort Wayne.
1 Siamese Coupling.	3 Gallons Cylinder Oil.
5 Gallons Coal Oil.	1 Can Polish.

NO. 6 ENGINE HOUSE.

1 3d-class LaFrance Steamer	1 Hose Wagon.
1 Smith Heater.	2 Water Tanks.

SUPPLIES ON STEAMER.

2 Lengts Section Hose.	5 Play Pipe Tips.
8 Feet Steam Hose.	2 Lanterns.
2 Oil Cans.	1 Set Engine Wrenches.
1 Cold Chisel.	1 Hammer.
2 Monkey Wrenches.	1 Screw Driver.
1 Torch.	1 Siamese Coupling.

1 Canvass Apron.

SUPPLIES ON WAGON.

1000 Feet 2½-in- Cotton Hose.	2 Hydrant Wrenches.
1 Extension Ladder.	2 Play Pipes.

2 Torches.	1 Canvas Cover.
1 Shovel.	1 Crow Bar.
2 Axes.	1 Pike Pole.
1 Hose Leak Stop.	1 Hay Hook.
1 Stay.	2 Spanners.
2 Hose Clamps.	200 Feet Rope.
1 Hydrant Pump.	1 Sledge Hammer.

HOUSE.

4 Horses.	2 Set Dbl. Swinging Harness.
2 Brass Sliding Poles.	7 Beds, Complete.
1 Gong and Indicator.	1 Trip.
1 Saddle.	4 Horse Blankets.
3 Iron Stoves with Pipe.	1 Ton Coal.
60 Bushel Oats.	2½ Tons Hay.
2 Bushels Bran.	50 Feet 1-inch Hose.
1 Folding Cot.	1 Bath Tub.
20 Chairs.	1 Map City of Fort Wayne.
2 Towel Rollers.	2 Wash Stands.
6 Cuspidores.	20 Towels.
2 Whips.	6 Brooms.
2 Mops.	1 Basket.
1 Scoop Shovel.	1 Hay Fork.
1 Table.	1 Rake.
2 Brushes.	2 Curry Combs.
4 Horse Buckets.	1 Force Pump.
1 Jack.	1 Hatchet.
1 Hand Saw.	1 Vise.
2 Dusters.	1 Gas Lighter.

2 Files.

Members of the Fort Wayne Fire Force.

CHIEF OF THE FIRE FORCE,

HENRY HILBRECHT.

ELECTRICIAN,

JOHN SCHROEDER.

ENGINE HOUSE No. 1.

Name.	Position.	Age	Nativity.	Height.	Weight
Ferd Schroeder.....	Captain....	39	Indiana..	5 ft 7¾ in.	175 lbs.
Edward C. Hill.....	Engineer ..	48	Indiana..	5 ft 9½ in.	160 lbs.
Henry Regel.....	Ex Eng'eer ..	30	Germany	5 ft 7 in.	168 lbs.
Peter Freiburger ..	Driver	32	Indiana..	5 ft 8 in.	180 lbs.
Nester Martin	Driver	31	Indiana..	5 ft 9 in.	180 lbs.
F. M. Ankenbruck ..	Driver	29	Indiana..	5 ft 10½ in.	185 lbs.
John F. Huber	Hoseman ..	35	Indiana..	6 ft 1 in.	200 lbs.
Fred Reinking	Hoseman ..	44	Indiana..	5 ft 8 in.	160 lbs.
John Baker.....	Hoseman ..	38	Indiana..	5 ft 9½ in.	200 lbs.
Wm. Schwier.....	Hoseman ..	37	Germany	5 ft 8 in.	160 lbs.
J. M. Fleishman	Hoseman ..	33	Indiana..	5 ft 8 in.	160 lbs.
Charles W. Thieme....	Phone Op'r	33	Indiana..	5 ft 7 in.	152 lbs.

ENGINE HOUSE No. 2.

Name.	Position.	Age	Nativity.	Height.	Weight
Michael Connors.....	Captain....	57	Ireland ..	5 ft 11 in.	180 lbs.
David V. North.....	Engineer ..	45	N. Carol'a	5 ft 8 in.	170 lbs.
Emanuel Hoch.....	Driver	30	Indiana ..	5 ft 8 in.	150 lbs.
Frank J. Poerson.....	Driver	36	Indiana ..	5 ft 10 in.	200 lbs.
John L. Swaidner	Driver	30	Indiana ..	5 ft 7 in.	150 lbs.
Valentine Hartman....	Hoseman ..	34	Indiana ..	5 ft 8 in.	150 lbs.
Gustave F. Hilgeman....	Hoseman ..	28	Indiana ..	5 ft 8 in.	190 lbs.
D. W. Nahrwald	Hoseman ..	27	Germany	5 ft 8½ in.	160 lbs.

ENGINE HOUSE NO. 3.

Name.	Position.	Age	Nativity.	Height.	Weight
Louis Steup	Captain	42	Indiana ..	5 ft 10 in.	165 lbs.
Edward Henschen	Driver	29	Indiana ..	5 ft 11½ in.	195 lbs.
George W. Jasper	Driver	36	Indiana ..	6 ft 1 in.	210 lbs.
George Klingman	Hoseman	30	Indiana ..	6 ft	170 lbs.
Wm. Brandt	Hoseman	30	Indiana ..	5 ft 9 in.	165 lbs.
F. H. Tieman	Hoseman	27	Indiana ..	5 ft 9½ in.	180 lbs.

ENGINE HOUSE NO. 4.

Name.	Position.	Age	Nativity.	Height.	Weight
John Stahlhut	Captain	31	Indiana ..	5 ft 11 in.	165 lbs.
Edward B. Lepper	Engineer	39	New York ..	5 ft 8 in.	155 lbs.
Edward Moody	Driver	39	England ..	5 ft 9 in.	160 lbs.
Frank Albrecht	Driver	35	Indiana ..	5 ft 10 in.	170 lbs.
John S. Welch	Hoseman	39	Indiana ..	5 ft 7 in.	140 lbs.
C. F. W. Walda	Hoseman	38	Indiana ..	5 ft 8½ in.	187 lbs.

ENGINE HOUSE NO. 5.

Name.	Position.	Age	Nativity.	Height.	Weight
John Zent	Captain	36	Indiana ..	5 ft 11½ in.	205 lbs.
Edward Keech	Engineer	40	Penns'ia ..	5 ft 9 in.	175 lbs.
George Trautman	Driver	32	Indiana ..	6 ft	190 lbs.
Charles Winkelmeyer	Driver	33	Germany ..	5 ft 7½ in.	185 lbs.
Elmer Bisel	Hoseman	30	Indiana ..	5 ft 7 in.	150 lbs.
Wm. R. Saffen	Hoseman	29	Indiana ..	5 ft 8 in.	160 lbs.

ENGINE HOUSE NO. 6.

Name.	Position.	Age	Nativity.	Height.	Weight
Christ Rohyans	Captain	38	Germany ..	5 ft 8½ in.	165 lbs.
Harry S. Schust	Engineer	27	W. Virg'a ..	5 ft 7 in.	140 lbs.
Wm. Hensel	Driver	30	Indiana ..	5 ft 11 in.	155 lbs.
C. H. Voland	Driver	26	Indiana ..	5 ft 11 in.	174 lbs.
Henry Guth	Hoseman	28	Indiana ..	5 ft 10 in.	165 lbs.
Theodore Kiep	Hoseman	30	Germany ..	5 ft 8 in.	192 lbs.

Report of Firemen's Pension Fund

FORT WAYNE, IND., Jan. 1, 1897.

*To the Honorable Mayor and Common Council of the City of
Fort Wayne:*

GENTLEMEN:

Following is the report of the financial condition of the
Firemen's Pension Fund for the year ending January 1, 1897:

Pension Fund.....	\$ 236 79
Proceeds of Taxes.....	1,296 27
Members Assessments	331 22
Miscellaneous Receipts	5 00
<hr/>	
Total.....	\$1,869 28

EXPENDITURES.

City Improvement Bonds.....	985 72
Disability.....	350 00
Stationery and Printing.....	10 00

Balance in Pension Fund... \$1,345 72 \$ 523 56

HENRY P. SCHERER,
HENRY HILBRECHT,
GEORGE TRAUTMAN, Sec.
JOHN STAHLHUT,
LOUIS STEUP,
EDWARD HILL.

Record of Fires of the City of Fort Wayne Fire Department For the Year 1896.

[illegible]

REPORT OF
CITY WEIGHMASTER,
1896.

Report of City Weighmaster.

FORT WAYNE, Ind., January 1st, 1897.

To the Board of Public Safety:

GENTLEMEN—I herewith submit to you a statement showing the receipts of the city scales during the year 1896 to have been as follows :

January	\$ 155 00
February	118 00
March.....	112 10
April	140 60
May	134 50
June	164 10
July	147 20
August.....	146 90
September.....	143 20
October	223 00
November	173 20
December.....	132 40

Total\$1,790 20

All monies were turned over to the city Treasurer by me, and I hold his receipt for same.

Respectfully.

HENRY BUTKE,
City Weighmasterr

REPORT OF
CITY MARKETMASTER.
1896.

Report of Marketmaster.

FORT WAYNE, Ind., January 1st, 1897.

To the Board of Public Safety:

GENTLEMEN—I herewith submit to you my report of receipts for rental of market stands during the year 1896.

Receipts of sale of space for the whole season.....	\$ 728 50
“ “ Daily collections.....	331 50

Total\$1,060 00

All monies have been turned over to the city Treasurer, and I hold his receipt for same.

Respectfully,

WILLIAM ROPA,
Marketmaster.

DEPARTMENT OF
Health and Charities.

1896.

REPORT OF
THE
Department of Health and Charities

MEMBERS OF THE BOARD.

DR. A. J. KESSLER, Secretary.

DR. JAMES E. MILLER.

DR. CARL SCHILLING, Chairman.

For the Year Ending December 31st, 1896.

Department of Health and Charities

FORT WAYNE, IND., December 31st, 1896.

To the Honorable Henry P. Scherer, Mayor of the City of Fort Wayne:

DEAR SIR—We, the Board of Public Health and Charities, have the honor to present to you our first annual report for the fractional part of the year beginning May 1st, 1896, to December 31st, 1896. The Board appointed by you, Carl Schilling, M. D., J. E. Miller, M. D., and A. J. Kesler, M. D., organized under the city charter by electing A. J. Kesler secretary and registrar of vital statistics. The persons appointed by the Board to engage in the different divisions of the department during the past eight months were as follows :

One Chemist, who has charge of the City Laboratory and makes all microscopical and analytical examinations for the city, and three Sanitary Policemen or Inspectors, who are under the instructions of the Board and are expected to attend to any and all duties the Board may see fit to have them do for the benefit of the health and comfort of the city. We are aware that there have been and still exist several nuisances, which are a menace to public comfort and health, such as gas escap-

ing from leaks in mains and obnoxious odors from packing houses, which penetrate the houses and salute the noses of the citizens in their vicinity. Another, which we will give some attention in the future, is the great number of smoke stacks from the manufacturing institutions of the city from which the smoke is allowed to float over the city into open windows and doors, damaging and soiling household goods, suffocating and annoying the sick, especially those suffering from lung trouble, and discomforting the people within its reach. Smoke stacks and furnaces should be supplied with screens or smoke consumers. The Common Council will be asked by this Board to give us an ordinance by which we may suppress any and all nuisances of this kind that are a menace to public comfort. And hereafter the Board will consider a menace to public comfort a menace to public health and both will be treated alike.

GARBAGE.

Into what kind of a vessel should our citizens deposit their garbage? Should the system which has been in use, that of using all kinds of receptacles, which is faulty and dangerous, be continued, or should the use of uniform boxes made of galvanized iron, or wooden boxes lined with galvanized iron, which can be easily cleaned and disinfected be inaugurated? Ordinary wooden boxes for the reception of garbage are dangerous; they are easily broken and the collector will as often find the garbage on the ground as deposited in a proper box. We know that with a proper garbage box, uniformly used, and with a proper and careful collection of garbage that the city will be in a better sanitary condition and less inviting to disease than it has ever been before, and we hope and believe

that these reforms will be inaugurated by the Honorable Board of Public Works as soon as possible.

SEWERS.

We all know that various germs of disease are reared and thrive in sewers. All connections leading from sewers to vaults and cellars should therefore have proper traps, as without them germs and disease will find their way into houses and closets. Sewers, especially in dry weather, should be flushed at least once every two weeks, and when old sewers are to be repaired, rebuilt, or reopened, they should be thoroughly flushed and disinfected before being opened. For information as to the kind of disinfectant, or germicides to be used, apply to City Bacteriologist. The Board will insist on these rules being carried out. Also newly dug sewers or trenches should not be allowed to stand open longer than necessary. The man-holes and catch-basins should be carefully looked after, as they easily become a source of sickness and contagion.

THE IMPROPER PLACING OF HYDRANTS.

People having hydrants placed should at the same time have a drain constructed for carrying off waste water. There are not a few in the city which, probably by carelessness, allow their hydrants to run and overflow sidewalks and gutters, forming unhealthy water pools.

QUARANTINE OF CONTAGIOUS DISEASES.

Contagion has prevailed during the last eight months to a moderate degree, that of diphtheria and scarlet fever taking

the lead. At one time it became somewhat alarming, especially in the Seventh and Tenth Wards, so much so that we were compelled to close the schools in that locality during last October. They were kept closed for two weeks, until the disease had abated. It had its effect, as since that time there never were more than five to eight cases at any one time in the city. We want to thank the medical fraternity for their kind assistance during the past eight months, also for the promptness with which they have reported all contagious or doubtful cases to the Board of Health. When a case of diphtheria is reported, the City Chemist immediately goes to the house and gives quarantine instructions, also securing a culture from the throat of the patient. He returns to the Laboratory and makes his examination, and if diphtheria is found to be present he immediately telephones this fact to the attending physician. He also instructs a Sanitary Officer to put up a diphtheria card on the house in a conspicuous place. He also instructs the family that they must stay in the house and allow no one to enter; that if they have cats or dogs they must be kept in the house and not allowed to run about, as dogs, cats, chickens, etc., are liable to spread diphtheria. The Sanitary Officer calls at the house once a day to see if there is anything wanted in the way of food or medicine, and if so, he gets it for them. This quarantine is kept up for two weeks, and longer if necessary. If death occurs, the body is buried within twelve (12) hours thereafter. We do not allow public funerals, and no one but the father and mother are permitted to attend. Those who have had diphtheria are not allowed to go to school again until four weeks after the diphtheria card has been removed from the house, while those not having it are allowed to go to school with-

in two weeks after the card or quarantine has been removed. After the diphtheria card has been up two weeks and the patients are reported well by their physician, our Chemist goes to the house and examines the throats of all that have been quarantined. If throats are all found clear he instructs the people to take up the carpets, scrub floors and wood work, burn or wash and boil all clothing, disinfect glass, spoons, dishes, etc. After this has been done, he disinfects the house with a strong solution of carbolic acid.

THE USE OF ANTI-TOXINE.

The use of anti-toxine in the treatment of diphtheria is endorsed by the leading physicians of the country, and for some time has been in general use in Fort Wayne. Almost 50% of the diphtheria cases treated during the past eight months were treated with anti-toxine. Total number of cases of diphtheria during the past eight months, one hundred and forty-two (142); number of deaths, twenty-six (26); deaths following the administration of anti-toxine, five (5). Three of the latter patients who had had the disease for four days before anti-toxine was used died the same day. One had the disease for six days; died the same day that anti-toxine was used. One five days; died in twenty hours after the use of anti-toxine. Cases treated with anti-toxine, sixty-six (66); death rate 7 5-10 per cent. Cases treated without anti-toxine, seventy-six (76); deaths, twenty-one (21); death rate, 28 per cent.

Twelve cases out of the twenty-six that were fatal were treated by physicians who do not believe in the use of anti-toxine.

SCHOOLS.

We have within the last week visited the schools of our city for the purpose of inspecting the sanitary conditions, etc. We have found most of the schools in a perfect sanitary condition; others we cannot boast of, they being not what they should be. Some of the schools are too crowded, we finding from seventy to one hundred children in some of the rooms, which is entirely too many. Ventilation in some of the rooms is imperfect, while others are filthy. Some of the schools use water buckets, from which children, one after the other, are allowed to dip in and drink. This dangerous practice should be discontinued in all schools, as one child infected with diphtheria and drinking therefrom, can in this way distribute the germs into the throats of others. Glasses should be provided for the children to drink from and the water should be drawn from a faucet, a glass at a time. Glasses should be sterilized once or twice a day for protection against infection. School rooms, desks, etc., should be scrubbed with soap and water once a week. Teachers who are threatened with or who have consumption should not be allowed to teach in our schools. The spital which is thrown from their lungs will be deposited on the floor and allowed to dry with the dust, and in that way the tubercle may find its way into the pupils' lungs. It would be well for those employing teachers to bear this in mind, and a certificate of health from a physician, in our judgment, would not be out of place, but a protection to our children. The Board of School Trustees of the various schools will be notified by the Board of Health after our next meeting as to the condition in which we found the schools, and what we found contrary to sanitary laws and the health and comfort of

the scholars. They will also be asked to put their schools in a perfect sanitary condition as soon as possible.

A CONTAGIOUS DISEASE HOSPITAL.

The most urgent need of the Health Department is a suitable house for the isolation of patients suffering from contagious diseases. "The County Pest House" is a pest house only in name, and to send a patient there would be little short of wilful carelessness. The two public hospitals positively refuse to receive patients suffering from commutable diseases. Diphtheria frequently breaks out in large hotels, and if we enforce quarantine laws, business must be suspended, and guests kept in retention for a period of time. Such must be the attitude of the Board if protection to the public is to be given. That such measures cannot be employed are self evident. A case in point is as follows: Diphtheria broke out in the Grand Central Hotel. The girl, a servant, had no relatives in the city, and the case was turned over to the Board of Health. The members of the Board, realizing the necessity of removing the patient from the place, after trying to rent a house within the city limits and finding none available, secured a house two miles west of the city at a cost of fifteen dollars (\$15) a week and employed a nurse at a cost of twelve dollars (\$12) a week to attend the patient. This case was taken care of at an expense of \$100 to the city. The only avenue open was the one pursued, and because of the urgency of the case, had to be carried out without regard to cost.

Our quarantine laws require heads of families to discontinue their daily work if a contagious disease exists in their families. Great expenditure might be saved by removing

these patients to a hospital, not only relieving the house from quarantine and allowing the father or mother to continue their daily employment, but having removed the patient during the stages of the disease the other members of the household would not be in constant danger of contracting the disease.

What would Fort Wayne do if a tramp infected with small-pox should wander into the police station? While we have regard for his safety and well being, our first thought would be to protect the community from this disease. The establishment and maintenance of an emergency hospital for the care and isolation of cases contagious in character, is, in our opinion, a provision which would not only insure against great financial losses but would make epidemics less apt to occur. We believe the city government, after investigation, will lose no time in complying with this request.

Respectfully submitted,

A. J. KESSLER,
Secretary.

Mortality Report for 1896.

CAUSES OF DEATH.

DISEASES.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Dropsy.....	2	3	1	..	1	1	2	1	11
Pneumonia	3	2	1	1	2	3	4	4	20
Typhoid Fever.....	1	1	1	1	1	..	..	4	9
Hemorrhage	4	2	..	..	..	..	..	..	6
Diphtheria	1	1	..	2	4	6	4	8	26
Apoplexy	1	..	..	..	..	..	..	..	1
Cancer.....	3	6	3	2	2	1	2	..	19
Puerperal Fever.....	2	..	..	..	..	1	..	..	3
Accident.....	2	3	3	6	2	1	1	3	21
Exhaustion	3	2	2	2	2	5	2	4	22
Heart Disease.....	2	4	5	2	..	4	6	11	34
Old Age.....	2	3	2	3	3	..	1	6	20
Pleurisy	1	..	..	..	1	..	..	..	2
Still Born.....	3	4	2	2	2	..	..	1	14
Malaria.....	1	1	..	1	..	..	..	..	3
Brain Fever	2	3	2	3	4	3	1	3	21
Paralysis.....	2	2	..	4	2	2	2	1	15
Consumption	7	9	8	5	6	5	1	9	50
Bronchitis	1	1	1	..	..	..	1	..	4
Cholera Infantum.....	1	3	11	10	1	..	1	..	27
Spasms.....	1	5	2	2	1	2	4	4	21
Diseases of Stomach.....	2	..	2	1	1	..	..	..	6
Asthma.....	1	1	..	..	..	..	..	1	3
Diabetis	1	..	..	1	..	..	..	..	2
Diseases of Liver.....	..	3	..	..	1	2	1	2	9
Diseases of Kidney.. ..	..	3	2	1	2	..	1	3	12
Appendicitis .....	..	2	..	..	..	..	1	..	3
Peritonitis.....	..	3	3	3	..	2	..	1	12
Rupture of Bladder .....	..	..	..	1	..	..	1	..	2
Elephantiasis.....	..	..	..	1	..	..	..	..	1
Murder, Suicide and Poison. ....	..	1	..	..	..	2	..	2	5
Influenza .....	..	..	..	..	..	..	1	..	1
Neurasthma .....	..	..	..	..	..	..	1	..	1
Unknown.....	..	..	1	..	2	..	..	..	3
Total.....	49	66	54	54	40	40	38	68	409

MORTALITY REPORT—Continued.

Sex and Color.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
White, Males.....	24	26	29	29	24	14	19	33	198
“ Females.....	24	40	24	25	16	25	18	35	207
Colored, Males.....	.....	.....	1	.....	.....	.....	.....	.....	1
“ Females.....	1	.....	.....	.....	.....	1	1	.....	3
Total.....	49	66	54	54	40	40	38	68	409

Social Relations.									Total
Married.....	18	21	15	16	11	11	11	18	121
Single.....	23	33	36	35	25	25	19	32	228
Widow.....	5	8	2	1	2	4	5	6	33
Widower.....	3	4	.....	2	2	.....	2	12	25
Unknown.....	.....	.....	1	.....	.....	.....	1	.....	2
Total.....	49	66	54	54	40	40	38	68	409

Nativity.									Total
France.....	1	2	.....	1	.....	.....	.....	.....	4
America.....	41	52	45	34	30	35	33	53	323
Germany.....	6	10	5	10	7	3	3	11	55
Ireland.....	1	.....	1	6	.....	.....	.....	.....	8
England.....	.....	2	2	.....	1	2	1	2	10
Switzerland.....	.....	.....	1	1	1	.....	.....	.....	3
Syria.....	.....	.....	.....	2	.....	.....	1	.....	3
Prussia.....	.....	.....	.....	.....	1	.....	.....	.....	1
Bavaria.....	.....	.....	.....	.....	.....	.....	.....	2	2
Total.....	49	66	54	54	40	40	38	68	409

By Whom Reported.									Total
Physician.....	46	60	47	51	36	35	37	65	377
Coroner.....	3	6	7	3	4	5	1	3	32
Total.....	49	66	54	54	40	40	38	68	409

MORTALITY BY STATED PERIODS OF LIFE.

AGES.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Under 1 year.....	7	13	21	12	7	8	7	12	87
From 1 to 5.....	3	4	2	6	5	5	4	7	36
“ 5 to 10.....	...	1	2	5	2	5	3	3	21
“ 10 to 15.....	3	4	1	...	2	2	1	2	15
“ 15 to 20.....	3	1	3	1	2	2	...	...	14
“ 20 to 30.....	6	7	6	8	3	4	2	7	43
“ 30 to 40.....	2	6	4	2	4	2	3	8	31
“ 40 to 50.....	5	6	5	4	...	...	4	4	28
“ 50 to 60.....	8	4	4	6	3	4	2	5	36
“ 60 to 70.....	4	9	3	4	1	4	3	7	35
“ 70 to 80.....	5	5	2	3	5	4	5	10	39
“ 80 to 90.....	3	6	1	1	4	...	2	3	20
Over 90.....	...	...	...	...	...	...	...	...	...
Unknown.....	...	...	...	2	2	...	...	...	4
Total.....	49	66	54	54	40	40	38	68	409

BIRTHS FOR 1896.

	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Males.....	34	34	33	26	32	30	30	*27	239
Females.....	32	39	31	32	40	34	20	17	245
Unknown.....	1	1	1	...	...	...	...	...	3
Total.....	67	74	65	58	72	64	50	37	487

*Reports not all in at time of making table.

Excess of births over deaths, 67.

Average birth rate per month, 59.5.

Re-estimated population of the city 45,000, gives a birth rate of 10.5 per 1,000.

The average death rate per month, 50.1.

The estimated population of the city being 45,000, gives a death rate of 9.08 per 1,000, which is about 4% per 1,000 less than last year, and speaks well for the general health of the city during the last eight months.

CONTAGIOUS DISEASES.

	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Measles	1	.....	.....	.....	.....	1	2
Scarlet Fever.....	1	2	5	2	7	1	18
Diphtheria.....	2	4	39	50	27	20	142
Total	4	6	44	52	34	22	162

SANITARY WORK BY INSPECTORS.

	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
No. Privies Cleaned.....	48	85	107	98	53	18	26	17	452
No. Cellars Cleaned.....	23	15	10	12	13	6	4	3	86
Alleys and Yards Cleaned...	152	76	127	79	49	50	43	56	632
No. Cesspools Drained	13	12	33	32	4	1	.....	.....	95
No. Wells Condemned.....	10	9	11	1	6	2	1	2	42
Other Nuisances Abated....	38	96	237	190	65	9	11	11	657
Total	284	293	525	412	190	86	85	89	1964

Respectfully submitted,

A. J. KESSLER,

Secretary.

REPORT OF THE
MUNICIPAL LABORATORY,
1896.

Report of Municipal Laboratory.

CONTAGIOUS AND INFECTIOUS DISEASES.

In the suppression and regulation of contagious diseases, diphtheria has as heretofore claimed first attention. The culture test for the diagnosis of diphtheria was very generally employed, and has proven itself to be of the greatest value in the diagnosis of suspicious throat cases. Errors have occasionally occurred, due to contaminated culture food, delay in returning the sets to the station, improper inoculation and apparently perverted forms of the diphtheria bacilli. Frequent observations have led to the conclusion that the form of the bacillus found in the culture test depends directly upon the virulence, the short, thick form more nearly approaching the type of the pseudo-bacillus. It seems justifiable to think that in some cases where microscopic examination of the colonies is inadequate, it is necessary to control the diagnosis by the experimental use of anti-diphtheritic serum.

The cases for the most part have been of only moderate severity. Antitoxine has been pretty generally used, and a low mortality is the reward. The quarantine regulations are severe, and disinfection of all houses is done under the direct supervision of the City Bacteriologist.

The table below gives the number and character of cases examined during the year.

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Cases of Diphtheria...	9	1	4	1	4	1	..	5	13	28	16	21	103
“giv'g neg't'v'e res'lts	22	8	5	6	15	4	1	5	4	20	20	17	127
Quarantine	18	2	15	7	1	2	..	1	10	7	3	2	68
Total	49	11	24	14	20	7	1	11	27	55	39	40	298

Scarlet fever has occurred in the past eight months in its mildest form, has not become epidemic and was little source of worry. Measles likewise was of rare occurrence.

In September the Board of Health, realizing the contagion of consumption, and noting the terrible death rate from this malady, took the initial step toward a better control of the disease. That tuberculosis is a germ disease and that it is transmitted from sick to well are established facts. The character of the disease being usually of long duration makes it the most difficult to control. The greatest necessity in the control of any contagious disease is to locate the disease. The next thing of importance is to recognize the disease early. These have been found to be both possible only with the co-operation of the physicians in charge of consumptive cases. The microscope tells early whether the case is one of consumption or not, and the services of the City Bacteriologist were placed at the disposal of the physicians without charge. The following circular letter distributed to each physician in the city is self-explanatory:

BOARD OF PUBLIC HEALTH, CITY HALL, ()
FORT WAYNE, IND., Sept. 30th, 1896. ()

DEAR DOCTOR :

You are aware that tuberculosis is strictly a contagious disease, and can be prevented, providing the proper sanitary regulations be adopted. Therefore, after September 30, 1896, the Board of Public Health, in the interest of the public safety, demands that all cases of pulmonary tuberculosis (consumption) occurring in your practice be reported to this office, whereupon a circular of instructions will be sent to the family, or those in charge of such patients. with the object of lessening and preventing the spread of this dire complaint.

Whenever the diagnosis as to the existence of the disease is in doubt, you are most respectfully requested to submit to the bacteriologist of this department the sputum of such cases for a bacteriological test, which will be made free of charge. The report of this examination will be telephoned you.

Yours most respectfully,

CARL SCHILLING, M. D.,

A. J. KESSLER, M. D.,

J. E. MILLER, M. D.,

Board of Health.

INFORMATION

FOR

Consumptives and Those Living With Them.

TUBERCULOSIS, commonly known as consumption, decline, scrofula, white swelling, wasting disease, is a *contagious* disease, which means that every new case is contracted, "caught," from some other case. Consumption is not an inherited disease any more than are smallpox, diphtheria or scarlet fever, inherited diseases. The cause of consumption is a germ, and the disease is produced by this germ alone. This germ is found in the sputum (spit) of persons having consumption, and in the pus (matter) discharged from tubercular sores of all kinds.

The germ of consumption finds its way into the bodies of healthy persons in three ways:—

2. Through the lungs.
2. Through the stomach.
3. Through open wounds (sores).

I. THROUGH THE LUNGS.

This is apt to occur when an ordinary pocket handkerchief is used by a tuberculous (consumptive) person to spit

into—a filthy and dangerous habit. When such a handkerchief is opened the dried spit becomes pulverized and blown into the air, and may then be inhaled by healthy persons, or by the patient himself, who is likely to suffer from drawing the disease germs into portions of the lung previously healthy. Another most common source of dried pulverized spit is derived from the disgusting habit of spitting on the floors of street cars, churches, theatres, stores, public buildings, and on the sidewalks and ground. The spit becomes dry, mixes with the dust and is then carried into the air, and finally breathed into the lungs or swallowed. This spitting habit is *dangerous* and should not be practiced.

II. THROUGH THE STOMACH.

This occurs when consumptives swallow their own spit, and also, by the use of spoons, cups, knives and forks, etc., which have not been properly cleaned after having been used by consumptive people. Meat and milk from cattle having consumption are also a source of great danger, and should *never be used*.

III. THROTHGH OPEN WOUNDS (CUTS OR SORES).

This happens by persons getting consumptive pus (matter) into an open wound, and is probably the least common of the three usual ways of infection.

In the city of Fort Wayne one-fourth, or 25 out of every 100 deaths, are caused by consumption. The probabilities are that this death rate is not high enough, because often times the cause of death is not made known or is made falsely.

The means of preventing the spread of consumption rests mostly with persons having the disease. If they exercise proper precautions, which are not difficult nor exacting, they can avoid giving the disease to others, and yet not be deprived of the society of their friends nor of any of the comforts of life.

The Board of Public Health will insist upon persons having consumption taking the following precautions :

All sputum (spit) from consumptives should be destroyed and must not be allowed to become dry. A spitting cup or flask, containing just enough disinfecting solution (which can be made by adding thirty (30) drops of carbolic acid to a half cup of water, or by dissolving a tablet of bi-chloride of mercury, such as may be procured at any drug store, in a pint of water) to cover the bottom of the vessel should be used for expectoration (spit). When out of doors a consumptive should use a pocket spitting flask containing the carbolic acid or mercury solution. A wide-mouth bottle may be used for this purpose. If this is impossible, a piece of old cotton cloth or water-closet paper should be used to spit into, and such cloth or paper destroyed by fire as soon as possible after using. No piece should be used for more than one expectoration.

Never spit on the floors of street cars, public buildings, stores, etc., nor on the ground or sidewalks, as such sputum becomes dried, is blown about and furnishes the source of danger above referred to. There is little danger from the mere breath of a tubercular patient; the danger lies in the dry expectoration, which contains the germs of consumption.

Kissing consumptives is a positive source of infection, and should be guarded against, especially in the care of chil-

dren. Married people should not sleep together, where either is consumptive. Sleeping in rooms occupied by consumptive persons is a source of danger, and such rooms should not be used by other persons after having been occupied by consumptives, until they have been thoroughly disinfected and all material in them put through the same course. Rooms can practically be disinfected by the use of the fumes of burning sulphur (using 3 pounds of sulphur to a room 10 feet square, and increasing the amount according to the size of the room in proportions of 3 pounds to each additional 1,000 cubic feet of air space) the rooms during the time being tightly closed and allowed to remain for at least twenty-four hours. The wood work, walls, wooden parts of bedsteads, chairs, etc., should be washed with a solution of bi-chloride of mercury (the proportions of which as before stated). For bed springs, etc., a solution of carbolic acid should be used, as mercury will injure the metal.

All dishes, spoons, forks, etc., should be thoroughly washed in boiling water, after having been used by a consumptive, and such articles should not be used by any other persons in the household until they have been boiled. All meats should be thoroughly cooked and milk boiled if it is thought to be from a diseased source.

The bedding and clothing used by a consumptive should not be included in the family wash; such articles should be washed separately, and be thoroughly boiled during the process of cleansing.

A. J. KESLER, M. D.,
CARL SCHILLING, M. D.,
J. E. MILLER, M. D.,

Board of Health.

The circular of information for consumptives is very similar to that in use in Buffalo and is intended to be a guide to those afflicted in order that they do not infect relatives or friends. The introduction of this health measure was not well received by the physicians of the city, but is gradually gaining ground and must soon lead to the enforcement of more rigid laws for the prevention of the spread of this scourge.

The number of samples of sputum examined are given in the table below :

EXAMINATION OF SPUTUM.

	Tubercle Bacilli		Total.
	Present.	Negative.	
October	14	18	32
November	12	14	26
December	22	26	48

The serum diagnosis of typhoid fever has been of practical benefit, and though only of brief existence, results thus far obtained seem to be reliable. The test depends upon a discovery by Pfeiffer, of Berlin, and Widal, of Paris, who found that the serum obtained from the blood of a typhoid fever patient is capable of so acting upon pure bouillon cultures of typhoid bacilli mixed with it as to abolish the active motion so characteristic of that organism in fluid culture media, and to cause agglutination of the individual bacilli in large groups or clumps. With the serum of healthy persons or those suffering from febrile diseases other than typhoid, the motion continues indefinitely when mixed with a typhoid culture. It has further been found that the blood need not be fluid, but when dried blood is moistened with a little water, if it be typhoid blood, it possesses the same property of inhibiting the motion of typhoid bacilli. For the purpose of taking specimens, a small piece of sterile mica is furnished ready to

receive one or more drops of blood. After allowing the blood to dry the mica is placed in an envelope and sent either by mail or messenger to the health laboratory.

The department wishes to obtain data upon the following points, and requests the medical profession to aid it by furnishing any information bearing upon them:

First—The proportion of cases in which a correct diagnosis can be made by the serum test when dried samples are used.

Second—The earliest period in typhoid fever at which it can be expected to give indications.

Third—The length of time for which it persists after convalescence.

Fourth—The existence of any relation between the intensity of the reaction of the test and the course of the disease.

Fifth—The study of the nature of the obscure febrile conditions, clinically termed gastric fever, continued fever, abortive typhoid, bilious fever, acute phthisis, etc., about which our present knowledge is very meagre and unsatisfactory.

WATER SUPPLY.

Chemical and bacteriological examination of the city water are made weekly throughout the year. The specimens are taken from the laboratory tap and at no time has the water been of bad quality. A reference to the mortality table will show few deaths from typhoid fever during the year and no higher compliment could be paid the system than that diseases commonly conveyed to the consumer in the water were few in number during the year. At times when the mains are heavily taxed, during fires and extremely hot weather when water is wasted by sprinkling, the water becomes cloudy and a sediment deposits on the sides and in the bottom of vessels. This is accumulation of vegetable and mineral matter deposited in

the mains and is not dangerous to health. Bacteria average in number from 80 to 300 per cc. Pathogenic bacteria have never been detected in the supply. The old well system is still a menace to health, and the vast majority of diseases due to bad water can be traced directly to these wells. Most of these private wells are old and so shallow that surface water alone, without filtration or dilution, is their contents. Believing that this water supply is bad, we have condemned all such wells upon the slightest evidence of surface or sewage contamination.

In the routine examination of water, color, odor, chlorine, ammonia free and albuminoid, nitrates and nitrites are looked for, and, when necessary, quantities estimated. Bacteria are developed by plate method, and the character of suspicious colonies is accurately determined.

The examinations for the year resulted as follows :

MONTHS.	USABLE.	SUSPICIOUS.	IMPURE.	TOTAL.
January.....	4	0	0	4
February.....	6	0	0	6
March.....	7	0	0	7
April	5	0	0	5
May	8	3	10	21
June.....	4	7	9	20
July	4	12	11	27
August.....	8	9	1	18
September.....	4	6	6	16
October	6	3	2	11
November	5	2	1	8
December.....	4	1	2	7
	—	—	—	—
Total	65	43	42	150

MILK SUPPLY.

The methods employed by the Health Board to prevent the sale of adulterated milk and to insure a good quality of good milk have undoubtedly resulted in raising the standard of the supply. The state law of Indiana provides a penalty for adulteration, but none for poor quality of milk. Many a time it is not possible to say that a specimen of milk is adulterated, though it may be of poor quality, hence the necessity of a milk ordinance fixing a standard of quality. Such an ordinance is now under consideration, which is in substance the same as those in force in other cities, making a standard of quality and fixing a penalty for violation of the same. In examinations made during the year the principal forms of adulteration in order of frequency were, the addition of water, removal of cream, both watering and skimming, and the addition of antiseptics and preservatives, which are added to milk for the purpose of increasing its keeping qualities. Coloring matters have never been detected.

The method of milk examination as made in the laboratory is the same as reported in the annual report of 1895. In the detection of antiseptics, boracic and borax, salicylic acid and the fluorides are carefully searched for. The lactoscope is used for the rapid estimation of fats. It depends on the principle that the more fat a milk contains, the more opaque it is, and the more water must be added to bring it to a certain degree of transparency. One can read this instrument within 0.25 per cent. of the actual percentage, and the personal error may be determined by comparison with analytical methods.

The greatest significance is given to the bacteria in milk. Milk, as it exists in the udder of a healthy cow, contains no

bacteria. On the other hand, the bacteriologic examination of the milk supply of the city shows a surprisingly large contamination with micro organisms—from 25,000 to 50,000 being found in a single cubic centimeter. Reasons why the city milk supply is not sterile are, dirty stables, dirty cows milked by dirty hands into dirty pails and delivered in unprotected wagons, thus exposing the product to the dust of the street and other filth. It is not necessary to present any argument to show the direct relation of unclean milk of poor quality and infant mortality. Large cities have demonstrated time after time that the purity of a milk supply directly controls the health of the infants and children; therefore, any measures to regulate this food supply are in accord with modern health measures.

During the investigations for the past year we have been unable to obtain samples from milk dealers keeping one or two cows within the city limits. These cows are usually slop-fed, and their product must be inferior. To reach this class of dealers a clause is introduced in our milk ordinance making it necessary for all milk dealers to register their names and addresses. That the distribution of milk from houses where contagious diseases exist is directly responsible for epidemics is a well-known fact, and, being in possession of the names and addresses of all dealers, the Board of Health may prohibit the sale of milk from such places.

Tuberculosis, a disease widespread among the inhabitants of this state, is also common to dairy cattle. The infant mortality from this disease is alarming, and statistics show that at least one-half of these deaths are due to the ingestion of milk containing the germs of consumption. We have a means to determine positively consumption in cattle, and while the

control of diseases of live stock is in the hands of the State Live Stock Commission, yet we should be vigilant in protecting our community from such diseases.

The appended table will show the result of the analysis of samples of milk taken at irregular intervals throughout the year.

Those above grade contain 3 per cent. or more of butter fat and 11 per cent. or more of total solids.

MONTH.	ABOVE GRADE.	BELOW GRADE.	TOTAL.
May.....	50	0	50
June	49	7	56
July	53	6	59
August	45	18	63
September	50	15	65
<hr/>			
Total, - -	547	46	293

A tabulation by months of analysis made in the laboratory since February, 1896, is as follows:

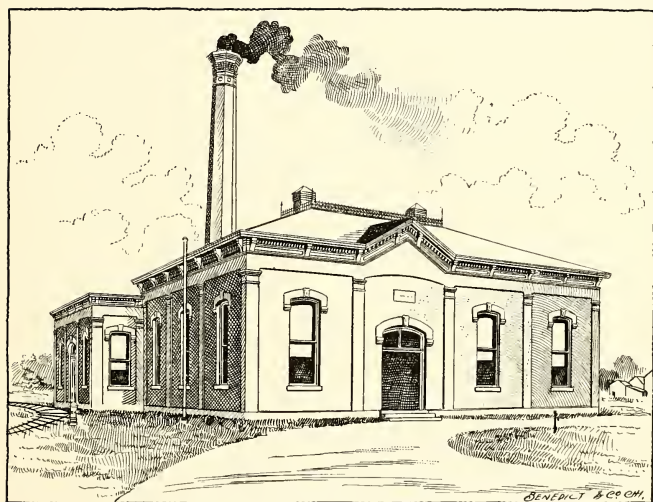
Material Examined.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Butter	1	...	...	2	2	...	4	1	...	...	1	1	12
Diagnosis of Diphtheria	49	11	24	14	20	7	1	11	27	55	39	40	298
Meat .....	...	...	1	...	...	...	1	...	...	...	1	...	3
Milk .....	...	...	...	...	50	56	59	63	65	...	...	...	293
Water	4	6	7	5	21	20	27	18	16	11	8	7	150
Mince Meat .....	...	...	...	...	...	...	...	...	...	...	...	1	1
Diagnosis of Tuberculosis .....	...	...	...	...	...	...	...	...	...	32	26	48	106
Houses Disinfected	11	5	8	8	6	...	4	6	44	52	34	22	210
<hr/>													
Total	65	22	40	29	99	83	96	99	152	150	109	119	1073

L. P. DRAYER, M. D.

City Chemist and Bacteriologist.

Water Works Department.

1896.



WATER WORKS PUMPING STATION.

Eighteenth Annual Report

OF THE

Trustees of the Water Works,

—OF—

FORT WAYNE, IND.



For the Fiscal Year Ending December 31st, 1896.

Officers of the Water Works.

FOR THE YEAR 1896.

TRUSTEES.

WILLIAM BITTLER, PRESIDENT.

(Term expires May 1, 1898.)

EMMET H. McDONALD,

(Term expires May 1, 1898.)

MURRAY HARTNETT,

(Term expires May 1, 1898.)

CLERK,

P. J. McDONALD.

ENGINEER,

THOMAS BAXTER.

INSPECTOR,

FRANK ITEN.

EIGHTEENTH ANNUAL REPORT
OF THE
TRUSTEES OF THE WATER WORKS,
FORT WAYNE, INDIANA.

To the Honorable Mayor and Common Chuncil:

GENTLEMEN—The Trustees of the Water Works respectfully submit for your consideration the eighteenth annual report of this department, for the year ending December 31, 1896. During the year nine miles of pipe were laid, giving us a total pipeage of 73.73 miles, as well as 615 hydrants for fire protection; 487 service connections were also made during the year, thus giving us 6,289 consumers. The Trustees decided that, with the pipe system nearly complete, and in consideration of the depressed condition of the times, a reduction in water rentals should be made, consequently a 10 per cent reduction was ordered and went into effect January 1, 1897. This makes our water rents lower than any in the country, as will be seen by a tabulated statement in the Clerk's report, compiled from reports of different cities.

The well system of the north side pumping station consists of 35 gravel and 13 rock wells. Heretofore the water has been pumped direct from the wells, but this year a large

inlet or receiving well was constructed at the pumping station and connected with the suction pipe of this system, so that water syphons into the well from which the pumps take it.

This is very beneficial to the machinery, as it avoids any trouble which might arise from an accumulation of air in the suction pipes, and as a consequence the machinery works smoothly and renders accident almost impossible. The eight-hour system has been adopted at the pumping stations and has proven a most satisfactory change, as heretofore the employes were required to be on duty for twelve hours each, which we believe was too long for prompt and efficient work.

When the completion of the reservoir was being discussed one of the minor advantages mentioned was the good to be derived by the people from the grounds adjacent to the reservoir.

This surely has surpassed all expectations, for the frozen lake has furnished healthful amusement to hundreds of skaters, while the peaceful water is no less enjoyable to the elder ones in the summer. The work of beautifying the surroundings is almost complete, and it will be but a short time until this is one of the prettiest places in the city.

For fuller particulars and details you are respectfully referred to the appended report of the Clerk.

Respectfully,

WILLIAM BITTLER,

EMMET H. McDONALD,

MURRAY HARTNETT,

Trustees of the Water Works.

Clerk's Report.

OFFICE OF THE WATER WORKS, }
FORT WAYNE, IND., Jan. 1, 1897. }

GENTLEMEN:—The following is a report of the finances, operation and condition of the Fort Wayne Water Works for the year ending December 31, 1896:

RECEIPTS.

Water Rents.....	\$51,859 67	
Meter Rents	100 35	
Special Revenue.....	287 21	
Penalties for turning Water off and on	30 00	
	<hr/>	\$52,277 23
Permits for Service Connections.....	\$ 2,521 64	
Meter Accounts.....	1,536 27	
Pipe Account	29 38	
Hydrant Account.....	150 49	
Meter Repairs Account	19 85	
Special Deposits.....	5 00	
Pumping Service.....	180 72	
City of Fort Wayne.....	15,000 00	
	<hr/>	\$19,443 35
		<hr/>
		\$71,720 58
Amount on hand as per last report....		292 07
		<hr/>
		\$72,012 65
Deposited with Treasurer.....	\$71,612 99	
Rebate.....	288 71	
Permits Refunded.....	10 00	
	<hr/>	\$71,911 70
		<hr/>
Balance on hand January 1, 1897.....		\$100 95

Face of Ledger January 1, 1897.

ACCOUNT (Total to Date.)	Dr.	Cr.	Dr. Balance.	Cr. Balance.
Pipes and Specials	251,239 16	135,540 54	115,698 62	
Pipe Laying.....	96,075 80	72,179 31	23,896 49	
Valves	16,739 86	12,635 25	4,104 61	
Hydrants	27,524 15	14,874 79	12,649 36	
Reservoir.....	60,565 56	21 55	60,544 01	
Filter Basin.....	12,517 47	304 62	12,212 85	
Spy Run Construction.....	3,648 56	201 00	3,447 56	
St. Joe River Well	5,631 07	22 17	5,608 90	
Engine House and Construction.....	25,240 46	50 00	25,190 46	
Engines and Boilers.....	77,173 99	439 50	76,734 49	
Engine House Furniture and Fixtures..	191 63		191 63	
Engineering and Inspections	8,343 69		8,343 69	
Office Expenses during Construction....	415 30		415 30	
Traveling Expenses during Construction	371 45		371 45	
Sundries During Construction	1,010 46		1,010 46	
Extension of Mains	231,505 64	98 08	231,407 56	
City of Fort Wayne.....	17,197 95	429,552 85		412,354 91
Water Works Trustees.....	280,238 69	280,238 18	51	
City Treasurer.....	680,130 46	672,261 73	7,868 73	
Cash	682,732 52	682,631 57	100 95	
Service Connections	65,442 86	36,596 21	28,846 65	
Meters	15,801 15	12,489 09	3,312 06	
Trustees' Salaries	7,642 44		7,642 44	
Water Rents.....		452,935 34		452,935 34
Meter Rents.....		1,439 58		1,439 58
Special Revenue.....		5,793 20		5,793 20
Fines and Penalties.....		735 00		735 00
Rebate	1,638 96		1,638 96	
Permits Withdrawn	90 00		90 00	
Implements	3 143 19	58 50	3,084 69	
Pumping Service	112,782 76	245 99	112,536 77	
Officers' Salaries.....	41,126 38		41,126 38	
Office Expenses	11,139 70	287 00	10,852 70	
Street Repairs	1,179 23	21 41	1,157 81	
Hydrant Repairs.....	870 70	8 00	862 70	
Engine Repairs	507 93	7 67	500 26	
Engine House Repairs.....	568 66		568 66	
Filter Basin Repairs	1 50		1 50	
Meter Repairs	1,260 43	312 41	948 02	
Spy Run Maintenance and Repairs.....	2,956 34		2,956 34	
Sundries	4,392 39		4,392 39	
Special Deposits	116 25	738 75		22 50
Discount	48 65		48 65	
Spy Run Wells.....	22,157 62	25 50	22,132 12	
Spy Run Pumping Station.....	1,884 07		1,884 07	
Spy Run Suction Pipe.....	14,750 03	13 55	14,736 48	
Traveling Expenses	285 18		285 18	
Legal Expenses.....	1,281 94	81 40	1,200 54	
Personal Accounts	322 84		322 84	
Interest.....	873 34		873 34	
Machine Shop.....	1,232 79		1,232 79	
North Side Park	439 70		439 70	
Officers' Salaries During Construction ..	344 98		344 98	
Pumping Station No. 2.....	650 26		650 26	
Test Wells	900 00		900 00	
Van Buren Street Wells.....	2,027 93		2,027 93	
Engines and Boilers, Station No. 2	2,155 00		2,155 00	
Van Buren Street Suction Pipe	1,455 13		1,455 13	
Pumping Service, Station No. 2	768 37		768 37	
Inlet Well	4,359 49		4,359 49	
Piping Inlet Well.....	2,965 42		2,965 42	
Stable and Stableman.....	346 53		346 53	
Basin Inlet Pipe	3,835 75		3,835 75	
	\$2,812,839 76	\$2,812,839 76	\$873,280 53	\$873,280 53

Statement of Expenditures.

For the year 1896.

ON WHAT ACCOUNT.

Pipes and Specials.....	\$17,465 77
Pipe Laying.....	9,667 41
Valves and Valve Boxes	1,939 99
Hydrants.....	2,232 41
Engines and Boilers.....	1,593 06
Spy Run Wells.....	367 31
Reservoir.....	1,462 57
Inlet Well.....	3,251 57
Spy Run Suction Pipe.....	8 25
Pumping Station No. 2.....	281 75
Engine House and Connections.....	169 65
Piping Inlet Well.....	2,965 42
Basin Inlet Pipe.....	3,835 75
C. F. Pfeiffer.....	900 00
Total Construction.....	<u>\$46,140 91</u>
Pumping Service.....	\$ 6,779 04
Officers' Salaries	3,025 00
Implements and Instruments.....	231 74
Office Expense	531 13
Street Repairs.....	38 17
Hydrant Repairs.....	22 70
Meter Repairs.....	133 68
Sundries	493 17
Pumping Service Station No. 2.....	518 87
Stable.....	346 53
Total Ordinary Maintenance.....	<u>\$12,120 03</u>

Trustees' Salaries.....	\$ 518 75
Meters and Setting.....	1,322 67
Service Connections.....	4,045 23
Spy Run Maintainance and Repairs.....	233 27
	<hr/>
	\$ 6,119 92
	<hr/>
Total for all Purposes.....	\$64,380 86

MAINTENANCE FUND.

Amount in City Treasurer's fund, as per last Report \$	636 60
Amount Deposited with Treasurer During Year...	71,612 99
	<hr/>
Total Water Works Fund.....	\$72,249 59
Expenditures as per Itemized Statement Elsewhere	64,380 86
	<hr/>
Balance in Treasury Jan. 1, 1897.....	\$ 7,868 73

FINANCIAL SUMMARY.

The Trustees have received from all sources to date:

As per Construction Fund.....	\$280,238 69
As per Cash Account	682,732 52
	<hr/>
Total.....	\$962,971 21

And have expended:

For Construction.....	\$410,479 00
For Extensions.....	232,535 26
For Maintenance.....	183,611 84
For all Other Purposes.....	110,873 81
	<hr/>
Total.....	\$937,499 91

Rebate Deposits Refunded, Permits		
Cancelled, etc	2,501	11
Transfer from Water Works Fund to		
General Fund of City of Fort		
Wayne	15,000	00
<hr/>		
Total.....	\$955,001	02
Leaving a Balance in Construction		
Fund		51
In City Treasury.....	7,868	73
In Cash.....	100	95 \$962,971 21
<hr/> <hr/>		

Warrants Issued on Vouchers.

During the Year 1896.

No. of Warrant	TO WHOM ISSUED.	Amount of Warrant
1408	H. Mueller Mfg. Co.....	200 42
1409	S. Frieburger & Bro.....	7 70
1410	A. Vogeley.....	87 00
1411	J. Klett & Sons.....	13 12
1412	F. M. Smith & Co.....	1 00
1413	Siemon & Bro.....	13 33
1414	E. A. K. Hackett	57 50
1415	Journal Co.....	4 50
1416	Morgan & Co.....	1 70
1417	Pfeiffer & Schlatter.....	17 91
1418	A. Hattersley & Sons.....	161 50
1419	Louis Schwartz.....	2 30
1420	Wayne Knitting Mills.....	4 90
1421	General H. Coal Co.....	54 82
1422	Fort Wayne Iron Works.....	2 66
1423	Bass Foundry & Machine Works..	6 66
1424	Raymond Lead Co.....	224 88
1425	National Meter Co.....	233 10
1426	George H. Kuntz.....	8 15
1427	D. M. Miller.....	17 93
1428	The U. S. Graphite Co.....	3 60
1429	Meyer Bros & Co.....	1 75
1430	Fort Wayne Gas Co.....	236 92
1431	Hersey Mfg. Co.....	2 25
1432	Thompson Meter Co.....	10 25
1433	C. F. Muhler & Son.....	2 00
1434	Morton & Air.....	400 00
1435	Pay Roll No. 1, Officers and Employes.....	617 50
1441		
1442	Mis. Pay Roll No. 2.....	27 17
1443	Pay Roll No. 3, Laborers.....	252 34
1444	Pfeiffer & Schlatter.....	14 10
1445	Hattersley & Sons.....	53
1446	H. C. Franke & Son.....	55
1447	National Meter Co.....	186 00
1448	Morton & Air.....	400 00
1449		
1455	Pay Roll No. 4, Officers and Employes.....	617 50
1456	Pay Roll No. 5, Laborers.....	257 09
1457	Morton & Air.....	425 00
1458	" ".....	51 60
1459	" ".....	384 40
1460	" ".....	300 00

No. of Warrant	TO WHOM ISSUED.	Amount of Warrant
1461	Raymond Lead Company	883 34
1462	Pay Roll No. 6, Officers and Employes.....	617 50
1468	Pay Roll No. 7, Laborers.....	263 30
1470	Mis. Pay Roll No. 8.....	64 32
1471	Adrain Water Works Co.....	150 00
1472	John A. Cole.....	521 00
1473	Charles F. Pfeiffer.....	900 00
1474	Morton & Air.....	50 00
1475	A, Hattersley & Sons.....	34 99
1476	Agnes Ogden, admx.....	28 05
1477	Hersey Meter Co.....	3 65
1478	National Meter Co.....	265 65
1479	Louis Schwartz.....	15 00
1480	H. Mueller Mfg. Co.....	61 57
1481	A. W. Morgan Mfg Co.....	427 07
1482	Raymond Lead Co.....	179 51
1483	Fisher Bros.....	10 13
1484	Pfeiffer & Schlatter.....	10 80
1485	C. F. Graffe & Co.....	4 42
1486	D. M. Miller.....	12 50
1487	The Oster Mfg. Co	10 20
1488	A. W. Kintz	12 65
1489	Wayne Knitting Mills.....	14 00
1490	J. Klett & Sons.....	4 80
1491	Meyer Bros. & Co.	2 40
1492	Morgan & Co.....	1 00
1493	B. F. Muhler & Son.....	6 88
1494	Fort Wayne Iron Works.....	148 57
1495	Fort Wayne O. & S. Co.....	15 60
1496	Jenney Electric Light & Power Co.....	88
1497	Fort Wayne Gas Co.....	368 38
1498	George Reiter.	9 00
1499	Louis Heilbronner.....	9 00
1500	L. S. & M. S. Ry.....	50 40
1501	W. W. Rockhill, Postmaster.....	5 00
1502	Morton & Air.....	100 00
1503	P., F. W. & C. Ry. Co.....	84 04
1504	L. S. & M. S. Ry.....	18 00
1505	Pay Roll No, 9, Officers and Employes.....	617 50
1511	Charles McCulloch.....	50 00
1512	William Bittler.....	50 00
1513	F. H. Haberkorn.....	43 75
1514	Morton & Air.....	389 00
1515	Pay Roll No. 10, Laborers.....	306 52
1516	Mis. Pay Roll No. 11.....	16 95
1517	Fort Wayne Gas Co.....	181 95
1518	Mossman, Yarnelle & Co.....	1 39
1519	Pfeiffer & Schlatter.....	3 00
1520		

No. of Warrant	TO WHOM ISSUED.	Amount of Warrant
1521	Raymond Lead Co.....	143 14
1522	Brickmakers' Association.....	52 00
1523	Louis Schwartz.....	2 05
1524	Charles McCulloch.....	150 00
1525	National Meter Co.....	4 50
1526	J. C. Jahn & Co.....	1 50
1527	Journal Co.....	116 80
1528	Mis. Pay Roll No. 12.....	21 29
1529	Pay Roll No. 13, Laborers.....	1,453 49
1530	Morton & Air.....	200 00
1531	W. D. Page.....	65 00
1532	Addyston P. & S. Co.....	11,398 63
1533	R. D. Wood & Co.....	1,220 26
1534	Bass Foundry & Machine Works.....	1,196 60
1535	Ludlow V. Mfg. Co.....	1,343 75
1536	Morton & Air.....	200 00
1537	Raymond Lead Co.....	177 67
1538	Bass Foundry & Machine Works.....	310 60
1539	Pay Roll No. 14, Officers and Employes.....	617 50
1545	Pay Roll No. 15, Laborers.....	2,839 49
1546	Morton & Air.....	180 72
1547	" ".....	769 28
1548	" ".....	1,773 41
1549	Pay Roll No. 16, Laborers.....	24 35
1550	Louis Schwartz.....	625 00
1551	Glutting, Bauer & Hartnett.....	11 85
1552	Fort Wayne Iron Works.....	52 97
1553	Bass Foundry & Machine Works.....	18 32
1554	Charles F. Muhler.....	12 52
1555	Morgan & Co.....	164 08
1556	H. Mueller Mfg. Co.....	187 15
1557	Fort Wayne Gas Co.....	15 60
1558	E. B. Kunkle & Co.....	15 02
1559	Raymond Lead Co.....	39 60
1560	Leonard & Ellis.....	1 66
1561	Seavey Hardware Co.....	1 50
1562	James B. Clow & Sons.....	2 01
1563	Pickard Bros.....	8 38
1564	Garlock Packing Co.....	13 10
1565	E. A. K. Hackett.....	61 94
1566	City Trucking Co.....	10 46
1567	J. Klett & Sons.....	39 46
1568	A. W. Kintz.....	15 20
1569	Pfeiffer & Schlatter.....	20 24
1570	A. Hattersley & Sons.....	27 00
1571	Journal Co.....	9 75
1572	National Meter Co.....	2 00
1573	Thompson Meter Co.....	13 20
1574	Frank Iten.....	2 35
1575	Fisher Bros.....	

No. of Warrant	TO WHOM ISSUED.	Amount of Warrant
1576	Siemon & Bro	4 60
1577	Mossman, Yarnelle & Co	27
1578	A. W. Morgan Manufacturing Co.....	75 90
1579	W. W. Rockhill, Postmaster	55 00
1580	C. F. Muhler & Son	1 50
1581	A. W. Morgan Mfg Co	110 00
1582	Fort Wayne O. & S. Co.....	80
1583	Morgan & Co.....	5 74
1584	Raymond Lead Co.....	263 18
1385	L. H. McAfee.....	221 95
1586	Pay Roll No. 15, Officers and Employes.....	702 50
1593	Pay Roll No. 16, Laborers.....	1,165 65
1594	" " " 17, "	774 99
1595	Fred Meier	4 75
1596	Weil Bros & Co.....	2 00
1597	Fort Wayne Gas Co.....	468 88
1598	Bass Foundry & Machine Works	111 54
1599	Pfeiffer & Schlatter	11 83
1600	A. Hattersley & Sons.....	5 36
1601	Fisher Bros	75
1602	Raymond Lead Co.....	145 64
1603	J. Klett & Sons.....	2 60
1604	E. B. Kunkle & Co.....	5 20
1605	Morgan & Co.....	1 56
1606	D. M. Miller.....	12 50
1607	A. Gerberding.....	7 50
1608	Walworth Mfg. Co.....	22 50
1609	H. Mueller Mfg. Co.....	2 81
1610	Journal Co	16 70
1611	The National Supply Co.....	13 05
1612	W. A. Reinhardt.....	28 60
1613	National Meter Co.....	235 60
1614	Louis Schwartz.....	20 40
1116	J. C. Jahn & Co.....	1 75
1617	Bud Lothamer.....	27 00
1618	Mis. Pay Roll No. 18	104 21
1619	Pay Roll No. 19, Officers and Employes.....	642 50
1625	William Bittler.....	62 50
1626	E. H. McDonald.....	62 50
1627	Murray Hartnett.....	62 50
1628	J. H. Franke	60 00
1629	Pay Roll No. 20, Laborers.....	1,009 64
1630	Kilian Baker	17 26
1631	A. W. Kintz	14 80
1632	A. Hattersley & Sons.....	222 25
1633	Morgan & Co.....	75
1634	Pfeiffer & Schlatter	9 29
1635	J. Klett & Sons.....	4 32

No. of Warrant	TO WHOM ISSUED.	Amount of Warrant
1637	Fort Wayne Iron Works.....	1 10
1638	E. A. K. Hackett.....	10 50
1639	Meyer Bros. & Co.....	1 35
1640	Bass Foundry & Machine Works.....	92 43
1641	Charles F. Muhler & Son.....	5 25
1642	W. H. Brown.....	17 70
6443	National Meter Co.....	148 80
1644	W. W. Rockhill, Postmaster.....	22 16
1645	Jenney Electric Light & Power Co.....	503 33
1646	Pay Roll No. 21, Laborers.....	443 91
1647	Addyston P. & S. Co.....	5,000 00
1648	R. D. Wood & Co.....	783 38
1649	Ludlow Valve Mfg. Co.....	181 95
1650	Pay Roll No. 22, Officers and Employes.....	702 50
1657	Pay Roll No. 23, Laborers.....	462 22
1658	Eaton Quarry Co.....	120 65
1660	J. W. Payton.....	32 00
1661	L. H. McAfee.....	72 10
1662	Henry G. Becquette.....	10 00
1663	H. A. Kirchefer.....	10 00
1664	J. W. Payton.....	12 00
1665	Cordray & Ligget.....	8 19
1666	Pay Roll No. 24, Laborers.....	404 78
1667	Mis. Pay Roll No. 25.....	64 51
1668	W. S. Burkholder.....	6 00
1669	George Smith.....	55 00
1670	Pay Roll No. 26, Laborers.....	197 85
1671	J. W. Payton.....	29 30
1672	Pay Roll No. 27, Officers and Employes.....	627 50
1678	H. Becquette.....	9 00
1680	Wayne Knitting Mills.....	12 32
1681	J. Klett & Sons.....	4 50
1682	A. Hattersley & Sons.....	29 85
1683	Mossman, Yarnelle & Co.....	1 61
1684	Raymond Lead Co.....	159 53
1685	National Meter Co.....	161 20
1686	Pfeiffer & Schlatter.....	12 58
1687	Bass Foundry & Machine Works.....	30 46
1688	Robert Ogden.....	50 50
1689	Robert Gage.....	2 40
1690	James B. Clow & Sons.....	36 81
1691	C. R. Jenney.....	1 25
1692	W. H. Brown.....	4 15
1693	Leonard & Ellis.....	22 95
1694	Thompson Meter Co.....	17 80
1695	Morgan & Co.....	4 61
1696	Louis Schwartz.....	24 55
1697	Journal Co.....	7 50

No of Warrant	TO WHOM ISSUED.	Amount of Warrant
1698	Fisher Bros.....	4 13
1699	Fort Wayne Iron Works.....	7 80
1700	Hersey Meter Co.....	2 95
1701	J. S. Hines.....	1 00
1702	Keller & Braun.....	7 00
1703	Garlock Pkg. Co.....	11 31
1704	South Side Hardware Co.....	5 20
1705	Beadell & Co.....	78
1706	Louis Fox, Secretary.....	9 50
1707	Pickard Bros.....	48
1708	Beuret & Co.....	19 00
1709	D. M. Miller.....	12 50
1710	C. F. Muhler & Son.....	9 45
1711	Bourbon B. & C Works.....	12 00
1712	Fort Wayne Gas Co.....	477 38
1713	A. P. Allis Co.....	800 00
1714	Charles McCulloch.....	125 00
1715	Addyston P. & S. Co.....	3,065 99
1716	Baltes Lime, Stone & Oil Co.....	345 60
1717	W. W. Rockhill, Postmaster.....	5 00
1718	Pay Roll No. 28, Laborers.....	278 55
1719	Baltes Lime, Stone & Oil Co.....	51 30
1720	Pay Roll No. 29, Officers and Employes.....	682 50
1728	William Bittler.....	62 50
1729	E. H. McDonald.....	62 50
1731	Murray Hartnett.....	62 50
1732	William Grotrain.....	6 25
1733	Pay Roll No. 30, Laborers.....	397 18
1734	Pay Roll No. 31, Officers and Employes.....	682 50
1742	Pay Roll No. 32, Laborers.....	254 40
1743	W. W. Rockhill, Postmaster.....	65 90
1745	Mis. Pay Roll No. 33.....	55 12
1746	Pay Roll No. 34, Laborers.....	508 95
1747	L. S. & M. S. Ry.....	77 21
1748	Pay Roll No. 35, Officers and Employes.....	682 50
1756	Pay Roll No. 36, Laborers.....	138 10
1757		
Total		\$ 64,380 86

Schedule of Water Rates Charged Private Consumers in the Larger Cities.

	House of Six Rooms.	Closet.	Bath.	Wash Stand.	Stationary Wash Tubs.	Stable, two Horses and carriage with Hose.	Cow.	Street sprink- ling, lawn and garden, lot 30 feet front.	Total.
Manchester, N. H.....	\$ 5 00	\$ 5 00	\$ 2 50	\$ 1 00	\$ 1 00	\$ 4 00	\$ 1 00	\$ 6 00	\$ 25 50
Brooklyn, N. Y.....	11 00	.....	.....	.....	5 00	5 00	75	7 00	28 75
*Pensacola, Fla.....	8 00	6 00	6 00	1 00	2 00	12 00	1 50	18 00	54 50
*Portland, Maine.....	10 00	6 00	5 00	.....	.....	8 00	.....	5 10	34 00
Albany, N. Y.....	12 00	2 00	3 00	.....	.....	6 00	.....	8 00	31 00
*Council Bluffs, Ia.....	7 00	2 50	3 50	1 00	.....	5 00	1 00	10 00	30 00
Baltimore, Md.....	13 00	.....	.....	.....	.....	6 00	.....	13 00	32 00
*Chattanooga, Tenn.....	9 00	6 00	6 00	.....	.....	8 00	2 00	9 00	40 00
Worcester, Mass.....	6 00	4 00	5 00	1 00	.....	5 00	.....	9 00	30 00
Boston, Mass.....	6 00	2 50	2 50	.....	.....	6 00	.....	11 00	28 00
Newark, N. J.....	6 25	2 50	5 00	1 25	.....	5 00	.....	7 00	27 00
Richmond, Va.....	5 00	3 00	3 50	1 50	.....	5 50	1 00	3 50	23 00
*New Haven, Conn.....	6 00	3 00	3 10	.....	.....	8 00	1 00	3 00	24 00
Dallas, Texas.....	12 00	9 00	10 00	.....	.....	30 00	3 60	18 00	82 00
Cambridge, Mass.....	7 50	6 00	6 00	2 50	.....	8 00	2 00	10 00	42 00
Charleston, S. C.....	12 00	4 00	4 00	1 00	3 00	12 00	.....	9 00	45 00
Philadelphia, Pa.....	5 00	1 00	3 00	1 00	.....	5 00	.....	8 00	23 00
Fall River, Mass.....	7 50	5 00	5 00	.....	.....	14 00	1 00	6 00	38 50
Denver, Colo.....	6 00	5 00	5 00	.....	.....	11 00	1 00	15 00	43 00
*Omaha, Neb.....	4 00	2 50	3 50	1 00	1 00	5 00	1 00	5 00	23 00
*Memphis, Tenn.....	6 00	5 00	5 00	.....	.....	10 00	2 00	10 00	38 00
Vicksburg, Miss.....	5 50	5 00	7 00	75	.....	10 25	.....	8 25	36 75
Toledo, O.....	5 00	3 00	3 00	.....	1 00	5 00	1 50	8 00	26 50
Mobile, Ala.....	10 00	4 00	5 00	5 00	1 50	11 00	2 00	10 00	48 50
Newport, Ky.....	6 00	3 00	9 00	3 00	.....	4 00	1 50	7 00	33 50
Chicago, Ill.....	9 00	3 00	3 00	1 00	.....	4 00	75	7 00	27 75
*Topeka, Kan.....	6 00	5 00	3 00	.....	.....	5 00	1 00	7 50	27 50
Dayton, O.....	5 00	2 50	2 00	2 00	2 00	4 50	1 00	7 00	26 00
*Leavenworth, Kan.....	9 00	5 00	5 00	.....	.....	16 00	1 00	17 50	53 50
Covington, Ky.....	6 00	4 00	3 00	1 00	1 00	5 00	1 50	3 30	24 80
*Dubuque, Ia.....	8 00	4 00	4 00	.....	.....	6 00	1 00	8 00	31 00
Nashville, Tenn.....	8 00	6 00	8 00	.....	.....	8 00	2 00	10 00	42 00
St. Louis, Mo.....	6 00	5 00	5 00	.....	.....	11 00	1 50	6 00	34 50
Allentown, Pa.....	10 25	3 00	3 00	1 50	.....	5 00	75	11 00	34 50
Pittsburg, Pa.....	9 00	3 00	4 10	2 00	1 00	5 00	1 50	19 50	45 00
Detroit, Mich.....	5 00	2 00	3 00	2 00	1 25	4 00	1 00	16 50	34 75
Louisville, Ky.....	6 00	3 00	5 00	1 00	50	6 00	1 00	5 50	28 00
Cincinnati, O.....	6 00	3 00	9 00	1 00	2 00	6 00	1 00	5 00	33 00
Milwaukee, Wis.....	6 00	3 00	3 00	.....	1 00	4 00	1 00	7 50	25 50
*Syracuse, N. Y.....	10 00	5 00	4 00	.....	.....	4 00	1 50	6 00	30 50
Springfield, O.....	4 00	2 50	2 50	2 00	.....	3 50	1 00	5 00	20 50
Buffalo, N. Y.....	5 00	3 00	2 00	.....	.....	4 80	90	5 80	21 50
Grand Rapids, Mich.....	8 00	4 00	3 00	.....	4 00	5 00	1 00	9 00	34 00
St. Paul, Minn.....	4 30	2 00	2 00	.....	.....	4 00	2 00	9 00	23 30
*Des Moines, Ia.....	5 00	3 00	3 00	.....	.....	5 00	1 00	10 00	27 00
*New Orleans, La.....	11 00	7 00	5 00	3 00	5 00	10 00	2 00	10 00	53 00
Springfield, Mass.....	8 00	4 00	4 00	.....	.....	6 00	2 00	5 00	29 00
New York City.....	10 00	5 00	3 00	.....	.....	6 00	1 00	Mr'd	25 00
*Montgomery, Ala.....	7 00	10 00	8 00	3 00	2 00	6 00	2 00	17 00	55 00
*San Francisco, Cal.....	16 80	3 00	4 80	.....	.....	9 60	2 40	26 64	63 24
*Oakland, Cal.....	16 20	4 20	6 00	.....	.....	9 00	2 40	6 00	43 80
Burlington, Vt.....	7 00	4 00	4 00	1 00	1 00	5 00	1 50	4 00	27 50
*Kansas City, Mo.....	6 50	4 50	5 00	.....	.....	8 00	2 00	5 40	31 40
*Peoria, Ill.....	6 00	3 00	3 00	.....	.....	3 00	1 00	5 00	21 00
*Wilmington, N. C.....	5 00	4 00	4 00	2 00	2 00	5 00	2 00	5 00	29 00
*Ft. Smith, Ark.....	9 00	2 00	2 00	.....	.....	5 00	2 00	6 00	26 00
Wheeling, W. V. A.....	5 00	6 00	1 25	.....	.....	2 00	1 00	9 00	24 25
Total.....	433 80	222 70	237 05	43 50	37 25	399 15	67 95	498 89	1940 29
Average.....	7 61	4 05	4 31	1 67	1 96	7 00	1 41	8 90	34 00
Fort Wayne, Indiana.....	3 96	2 16	2 88	No	Ch	3 60	72	2 16	15 48

Those marked with * are private companies; all others are owned by the cities.

METERS.

SIZE AND KIND OF METERS.		Number.	Owned by City.	Owned by Consumer.
6 inch Crown	-----	1	-----	1
4 " "	-----	1	-----	1
3 " "	-----	3	-----	3
2 " "	-----	6	4	2
1½ " "	-----	9	4	5
1 " "	-----	11	3	8
¾ " "	-----	44	15	29
⅝ " "	-----	333	17	316
3 " Hersey	-----	1	-----	1
2 " "	-----	6	3	3
1½ " "	-----	1	-----	1
1 " "	-----	8	3	5
¾ " "	-----	19	3	16
⅝ " "	-----	171	7	164
1 " Thompson	-----	4	1	3
¾ " "	-----	4	-----	4
⅝ " "	-----	60	-----	60
2 " Worthington	-----	1	1	-----
1½ " "	-----	1	1	-----
1 " "	-----	1	1	-----
¾ " "	-----	1	-----	1
1 " Nash	-----	1	-----	1
¾ " "	-----	1	-----	1
⅝ " "	-----	1	-----	1
3 " Union	-----	1	-----	1
¾ " "	-----	2	1	1
⅝ " "	-----	1	1	-----
2 " Empire	-----	5	3	2
¾ " "	-----	4	-----	4
⅝ " "	-----	5	-----	5
		707	68	639
Elevator Counters		43	-----	43
		750	68	682

Service Statistics.

Permits issued during the year	1880-1.....	229
“ “ “	1881-2	536
“ “ “	1882-3	226
“ “ “	1883-4	147
“ “ “	1884-5	109
“ “ “	1885-6	112
“ “	eight months, ending Jan. 1, 1887.	101
“ “	year 1887.....	207
“ “	“ 1888.....	163
“ “	“ 1889.....	310
“ “	“ 1890.....	605
“ “	“ 1891.....	584
“ “	“ 1892.....	420
“ “	“ 1893.....	594
“ “	“ 1894.....	632
“ “	“ 1895.....	827
“ “	“ 1896.....	487
Total to date.		6,289
Number of Consumers Paying Annual Rates	5,100	
Number of Metered Services	739	
Turned off for Non-Payment and other reasons.....	361	
Extra Taps for Fire Protection and Additional Supply..	30	
Public Buildings, Parks and Fountains Supplied Free...	41	
Permits Cancelled.....	18	
Total		6,289

Gaskill Triple Expansion Engine for 1896.

Months. 1896.	For Pumping Cu. Ft.	Daily Average Cu. Ft.	Coal.	Tot. Water Pumped. Gal.	Daily Average Gal.
January	1,881,000	60,600	-----	83,187,959	2,683,482
February	1,716,300	59,500	1,420	80,010,882	2,758,995
March	1,198,000	58,000	-----	81,053,606	2,614,632
April	1,744,000	58,100	-----	82,156,090	2,805,203
May	1,879,400	60,600	-----	81,639,747	2,633,540
June	1,748,800	58,200	-----	78,466,254	2,615,541
July	1,794,100	57,800	-----	82,455,226	2,659,846
August	1,786,000	57,600	-----	83,835,790	2,704,380
September	1,817,800	60,500	-----	79,437,737	2,637,924
October	2,097,000	67,600	-----	76,965,127	2,482,746
November	2,142,000	71,400	-----	73,387,508	2,446,250
December	1,999,500	64,500	-----	74,243,538	2,394,952
Total	22,403,900	-----	1,420	956,839,464	-----

Ross Street Pumping Station.

May	5,921 00	-----	-----	7,315,830	-----
June	4,670 00	-----	-----	4,863,713	-----
July	7,532 00	-----	-----	11,315,675	-----
August	2,799 00	-----	-----	2,196,514	-----
September	3,438 00	-----	-----	3,676,319	-----
Total	24,360 00	-----	-----	29,368,051	-----

Public Buildings Supplied Free.

City Hall,

Barr Street.

SCHOOLS.

High School, East Wayne Street.

Jefferson school, corner Jefferson and Griffith.

Clay “ “ Clay and Washington.

Hoagland “ “ Hoagland and Butler.

Hanna “ “ Hanna and Wallace.

Washington “ Washington and Union.

Bloomington “ Marion and Bowser.

Harmer “ “ Harmer and Jefferson.

Miner “ “ Miner and DeWald.

Holton “ “ Holton and Creighton.

Nebraska “ “ Boone and Fry.

McCulloch “ “ McCulloch and Eliza.

Hamilton “ “ Pontiac and Clinton.

Franklin “ “ Franklin and Huffman.

South Wayne “ Cottage and Indiana.

Public Library “ Clinton and Wayne.

ENGINE HOUSES.

Central Station No. 1, on Main between Barr and Lafayette.

Station No. 2, on Wallace between Lafayette and Clay.

Station No. 3, on Washington between Harrison and Webster.

Station No. 4, on Maumee between Ohio and Chute.

Station No. 5, on Broadway between Hendricks and Lavina.

Station No. 6, corner Third and Wells.

PARKS.

McCulloch Park, on Broadway.

Hayden Park, on Maumee avenue.

North Side Park, on Clinton street.

Old Fort Park, on Main street.

Swinney Park, on West Jefferson street.

FOUNTAINS.

Corner Washington and Barr.

Corner Columbia and Barr.

Corner Calhoun and DeWald.

On Calhoun between Wayne and Washington.

Corner Calhoun and Allen.

Corner Calhoun and Holman.

Corner Calhoun and Columbia.

On Maumee avenue at Hayden Park.

Corner Hanna and Buchanan.

West Main street bridge.

Corner Fairfield and DeWold.

Corner Lafayette and Taber.

Corner Fourth and Wells.

Summary of Extensions Made Prior to 1890.

NAME.	Pipes.	Specials.	Pipe Laying.	Valve	Hydr'ts	Total.
Rockhill and Main Streets ..	\$ 569 79	\$ 28 93	\$ 112 12	\$ 54 00	.....	\$ 764 84
Bridge Crossing	300 71	63 18	289 20	.....	.....	653 09
Nebraska	1,514 74	44 92	310 04	38 00	\$ 204 00	2,111 70
East Superior street	473 25	23 30	113 92	27 00	51 00	688 48
West Superior street	567 49	21 22	123 76	.....	153 00	865 47
Berry and Monroe streets ..	419 83	9 30	115 84	38 00	.....	582 97
Montgomery street	697 88	7 41	192 50	38 00	.....	955 79
Samuel Street	851 35	24 04	187 64	27 00	153 00	1,243 03
DeWald and Webster streets	1,250 07	32 42	285 56	46 00	102 00	1,716 05
12 inch auxiliary main	1,201 95	41 25	197 86	120 00	.....	1,561 06
Pearl street	518 17	11 26	157 45	25 50	.....	775 39
12-inch auxiliary main	595 40	33 80	98 15	25 50	.....	752 88
West Main street	343 27	3 86	105 30	.....	45 00	497 43
Glasgow avenue	266 38	.....	81 69	.....	.....	348 07
12-inch auxiliary main	1,589 29	15 28	416 57	59 60	.....	2,080 74
Murray street	620 00	33 51	215 23	59 60	.....	938 34
Force street	985 33	37 57	422 78	42 45	214 60	1,702 73
Brackenridge, Lavina sts, and Fairfield avenue	441 08	25 93	135 30	42 93	.....	645 24
Lewis street	235 03	6 56	108 07	21 17	43 00	413 83
Calhoun street	305 49	15 70	118 09	28 18	43 00	510 46
Wilt street	419 15	11 57	149 28	13 76	43 00	636 76
Berry street	100 02	4 78	29 69	21 17	.....	155 66
Nelson street	179 48	13 13	53 24	21 17	.....	267 02
Thomas street	454 08	21 61	182 81	21 17	86 00	765 67
West Main street from Osage street to F. Eckart's Packing house	440 55	.....	242 90	18 35	.....	701 80
Wells street	848 48	15 45	301 06	45 40	131 00	1,341 39
Creighton avenue	275 90	12 24	114 09	17 75	61 60	481 58
John street	493 74	12 29	130 20	21 44	36 00	693 67
Crossing river	503 20	24 10	397 14	.....	.....	924 44
Columbia street	582 50	77 54	131 55	41 50	123 20	956 29
Calhoun street	4,479 57	359 68	1,300 06	335 50	616 00	9,090 81
Grant street	183 00	6 10	82 10	22 35	.....	293 55
Charles street	724 68	37 64	557 10	44 70	100 00	1,464 12
Williams street	722 52	39 66	322 78	44 70	100 00	1,229 66
Lewis street	1,506 73	65 97	898 31	90 70	150 00	2,711 41
DeWald street	401 76	4 90	172 81	44 70	50 00	674 17
Hanna street	230 18	5 35	102 20	22 35	50 00	410 48
Ohio street	204 12	4 90	92 91	22 35	50 00	374 28
Miscellaneous expenditures	\$26,569 57	\$ 1,196 05	\$ 9,047 30	\$ 1,541 99	\$ 2,605 40	\$40,960 31
Total						\$41,116 79

Water Pipe Laid in 1890.

- 338 feet of 6-inch pipe on Cass from First to Railroad crossing.
290 feet of 6-inch pipe on Broadway from DeWald to Creighton avenue.
1044 feet of 6-inch pipe on Harrison from Grand to Dawson street.
1321 feet of 6-inch pipe on DeWald from Calhoun to Lafayette street.
2192 feet of 8-inch pipe on Calhoun from DeWald to Leith.
391 feet of 6-inch pipe on Calhoun from Leith to Killea street.
319 feet of 6-inch pipe on Fairfield avenue from DeWald to Creighton avenue.
1310 feet of 6-inch pipe on Buchanan from Lafayette to Hanna street.
1155 feet of 6-inch pipe on Creighton avenue from Gay to Thomas street.
373 feet of 6-inch pipe on Thomas from Buchanan to Horace street.
467 feet of 6-inch pipe on Horace from Thomas to Holton avenue.
533 feet of 4-inch pipe on Hanna from Lewis to Madison street.
351 feet of 6-inch pipe on Wallace from Gay to Smith street.
730 feet of 6-inch pipe on Grant from Smith to Thomas street.
369 feet of 6-inch pipe on Thomas from Grant to Horace street.
1860 feet of 6-inch pipe on Smith from Wallace to Creighton avenue.
1517 feet of 6-inch pipe on Oliver from Creighton avenue to Grant street.
1200 feet of 6-inch pipe on John from Horace to Creighton avenue.
751 feet of 4-inch pipe on Clinton from DeWald to Williams street.
913 feet of 6-inch pipe on Butler from Clinton to Lafayette street.
391 feet of 4-inch on Sittenfield from Calhoun to Clinton street.
1286 feet of 8-inch pipe on Leith from Calhoun to Lafayette street.
1662 feet of 12-inch pipe on East Lewis from Ohio to Walton avenue.
381 feet of 6-inch pipe for hydrant branches in connection with the above extensions.
1108 feet of 6-inch pipe on Superior from Griffith to Van Buren street.
722 feet of 6-inch pipe on Van Buren from Superior to Main street.
40 feet of 6-inch pipe on Jackson from Pritchard to hydrant.
202 feet of 4-inch pipe from Jefferson north on Jackson.

148 feet of 4-inch pipe from Wilt north on Jackson.
400 feet of 4-inch pipe on Jackson to Chicago street.
720 feet of 4-inch pipe on Hough from Hanna to Clay street.
404 feet of 4-inch pipe on Montgomery from Lafayette to Barr street.

Location of Valves Set in 1890.

1 8-inch valve on southeast corner of Calhoun and Creighton avenue.
1 8-inch valve on northeast corner of Calhoun and Allen.
1 6-inch valve on southeast corner of Calhoun and Leith.
1 8-inch valve on southeast corner of Leith and Calhoun.
1 4-inch valve on southeast corner of Sutfenfield and Calhoun.
1 6-inch valve on northeast corner of DeWald and Calhoun.
1 6-inch valve on northwest corner of Dewald and Lafayette.
1 4-inch valve on northwest corner of Clinton and DeWald.
1 4-inch valve on southwest corner of Clinton and Williams.
1 6-inch valve on northwest corner of Butler and Lafayette.
1 6-inch valve on southwest corner of Fairfield and DeWald.
1 6-inch valve on southeast corner of Broadway and DeWald.
1 6-inch valve on northwest corner of Harrison and Dawson.
1 6-inch valve on southwest corner of Harrison and Grand.
1 6-inch valve on northwest corner of Buchanan and Hanna.
1 6-inch valve on northwest corner of John and Creighton avenue.
1 6-inch valve on northwest corner of Smith and Creighton avenue.
1 6-inch valve on southwest corner of Smith and Buchanan.
1 6-inch valve on northwest corner of Smith and Buchanan.
1 6-inch valve on northwest corner of Oliver and Creighton avenue.
1 6-inch valve on southwest corner of Oliver and Buchanan.
1 6-inch valve on northwest corner of Oliver and Buchanan.
1 6-inch valve on southwest corner of Oliver and Grant.
1 6-inch valve on southeast corner of Horace and Thomas.
1 6-inch valve on northeast corner of Grant and Smith.
1 6-inch valve on southeast corner of Wallace and Gay.
1 6-inch valve on northwest corner corner of Thomas and Buchanan.

- 1 6-inch valve on southeast corner of Cass and First.
- 1 12-inch valve on northwest corner of Lewis and McCulloch.
- 1 12-inch valve on northwest corner of Lewis and Holton avenue.
- 1 6-inch valve on southwest corner of Superior and Griffith.
- 1 6-inch valve on southeast corner of Superior and Van Buren.
- 1 6-inch valve on southeast corner of Pritchard and Jackson.
- 1 4-inch valve on northwest corner of Jefferson and Jackson.
- 1 4-inch valve on northwest corner of Wilt and Jackson.
- 1 4-inch valve on northwest corner of Hanna and Hough.
- 1 4-inch valve on southwest corner of Lafayette and Montgomery.

Location of Hydrants Set in 1890.

MATTHEWS HYDRANTS.

- 1 on southeast corner of Superior and Fulton.
- 1 on Superior, between Fulton and Van Buren.
- 1 on southeast corner of Superior and Van Buren.
- 1 on southeast corner of Pritchard and Jackson.
- 1 on northeast corner of Cass and Railroad Crossing.
- 1 on northeast corner of Broadway and Creighton avenue.
- 1 on southwest corner of Harrison and Melita.
- 1 on southwest corner of Harrison and Highland.
- 1 on northeast corner of DeWald and Clinton.
- 1 on northeast corner of DeWald and Barr.
- 1 on southeast corner of Calhoun and Creighton ave.
- 1 on southeast corner of Calhoun and Taber.
- 1 on southeast corner of Calhoun and Sutenfield.
- 1 on southeast corner of Calhoun and Allen.
- 1 on southeast corner of Calhoun and Leith
- 1 on northeast corner of Calhoun and Killea.
- 1 on northwest corner of Fairfield avenue and Creighton avenue.
- 1 on northwest corner of Buchanan and Warsaw.
- 1 on the northwest corner of Buchanan and Hanna.

- 1 on northwest corner of Creighton avenue and Smith.
- 1 on the northwest corner of Creighton avenue and Oliver.
- 1 on southwest corner of Thomas and Horace.
- 1 on southwest corner of Thomas and Grant.
- 1 on southwest corner of Horace and Holton avenue.
- 1 on southwest corner of Wallace and Smith.
- 1 on northwest corner of Grant and Oliver.
- 1 on northwest corner of Smith and Grant.
- 1 on northwest corner of Smith and Horace.
- 1 on southwest corner of Oliver and Horace.
- 1 on northwest corner of Oliver and Green.
- 1 on southeast corner of John and Buchanan.
- 1 on John, between Buchanan and Creighton avenue.
- 1 on northwest corner of John and Creighton avenue.
- 1 on northeast corner Butler and Clinton.
- 1 on northeast corner of Butler and Barr.
- 1 on southeast corner of Leith and Jane.
- 1 on southwest corner of Leith and Lafayette.
- 1 on northeast corner of Lewis and Cedar.
- 1 on southeast corner of Lewis and McCulloch.
- 1 on Lewis, between McCulloch and Lillie.
- 1 on northeast corner of Lewis and Lillie.
- 1 on northwest corner Lewis and Holton avenue.
- 1 on southeast corner of Jackson and Pritchard.
- 1 on southeast corner Superior and Fulton.
- 1 on Superior, between Fulton and Van Buren.
- 1 on southeast corner Superior and Van Buren.

Water Pipe Laid in 1891.

- 920 feet of 8-inch pipe on Huffman from St. Marys avenue to Sherman street.
- 458 feet of of 6-inch pipe on Sherman from Huffman to Putnam street.

- 2167 feet of 6-inch pipe on Putnam from Sherman to Wells street.
973 feet of 6-inch pipe on Walnut from Fairfield avenue to Fox street.
745 feet of 6-inch pipe on Barr from Lewis to Holman street.
169 feet of 8-inch pipe on Walton avenue from Lewis street to Maumee avenue.
600 feet of 8-inch pipe on Maumee avenue from Walton avenue west.
872 feet of 6-inch pipe on Maumee avenue from Schick street east,
569 feet of 4-inch pipe on Harmer from Lewis to Madison street.
1315 feet of 6-inch pipe on East Creighton avenue from Lafayette to Hanna street.
312 feet of 8-inch pipe on Fairfield avenue from Lavina to Hendricks street.
863 feet of 6-inch pipe on Hendricks from Fairfield avenue to Broadway.
700 feet of 6-inch pipe on Cass from Fourth to Sixth street.
305 feet of 6-inch pipe on Sixth from Cass to Harrison street.
700 feet of 6-inch pipe on Harrison from Sixth to Fourth street.
347 feet of 12-inch pipe on Harrison from Fourth to Third street.
2551 feet of 12-inch pipe on Third from Harrison to Sherman street.
375 feet of 6-inch pipe on Cherry from Main to Boone street.
1810 feet of 6-inch pipe on Boone from Cherry to Watkins.
370 feet of 6-inch pipe on Watkins from Boone to Main street.
1412 feet of 8-inch pipe on Wall from Broadway to Metz street.
1140 feet of 6-inch pipe on Nirdlinger avenue from Broadway to Metz street.
780 feet of 4-inch pipe on Stophlet from Broadway to Metz street.
680 feet of 6-inch pipe on Taylor from Broadway to Metz street.
1120 feet of 6-inch pipe on Metz from Wells to Taylor street.
3940 feet of 6-inch pipe on West Creighton avenue from Calhoun to Broadway.
375 feet of 4-inch pipe on East Creighton avenue from Calhoun to Clinton street.
375 feet of 4-inch pipe on Tabor from Calhoun to Clinton street.
1160 feet of 6-inch pipe on Harrison from Creighton avenue to Allen street.
380 feet of 6-inch pipe on Allen from Harrison to Calhoun street.

- 425 feet of 6-inch pipe on Harrison from Dawson to Williams street.
- 360 feet of 4-inch pipe on Melita from Harrison to Webster street.
- 1000 feet of 6-inch pipe on Hanna from Tabor to Pontiac street.
- 1410 feet of 6-inch pipe on Force from East Creighton avenue to Pontiac street.
- 1410 feet of 6-inch pipe on John from East Creighton avenue to Pontiac street.
- 1410 feet of 6-inch pipe on Gay from East Creighton avenue to Pontiac street.
- 1425 feet of 6 inch pipe on Smith from East Creighton avenue to Pontiac street.
- 820 feet of 6-inch pipe on East Creighton avenue from Holton to Winter street.
- 665 feet of 8-inch pipe on East Creighton avenue from Winter to Walton avenue.
- 720 feet of 6-inch pipe on Francis from Lewis to Eliza street.
- 760 feet of 4-inch pipe on Hugh from Francis to Gay street.
- 2590 feet of 6-inch pipe on Eliza from Francis to McCulloch street.
- 375 feet of 6-inch pipe on McCulloch from Eliza to Hayden street.
- 710 feet of 6-inch pipe on Hayden from McCulloch to Lillie street.
- 1110 feet of 6-inch pipe on Lillie from Hayden to Lewis street.
- 330 feet of 6-inch pipe on Division from Madison to Jefferson street.
- 810 feet of 4-inch pipe on Oak from Division to Ohio.
- 360 feet of 4-inch pipe on Harmer from Eliza to Hugh street.
- 380 feet of 6-inch pipe on Francis from Wayne to Erie street.
- 446 feet of 6-inch pipe on High from Barthold street west.
- 2530 feet of 6-inch pipe on Erie from Francis to Hanover street.
- 380 feet of 6-inch pipe on Hanover from Erie to Wayne street.
- 2700 feet of 6-inch pipe on Wayne from Schick street to Glasgow avenue.
- 850 feet of 12-inch pipe on Third from Sherman street to St. Marys avenue.
- 1290 feet of 12-inch pipe on St. Marys avenue from Third to Huffman street.
- 30 feet of 8-inch pipe on Huffman street from hydrant west.

2150 feet of 8-inch pipe on Huffman from Sherman to Wells street.

280 feet of 12-inch pipe on Fourth from Harrison to Calhoun street.

200 feet of 8-inch pipe taken up and replaced with 12-inch pipe on Fourth from Harrison to Calhoun street.

Location of Valves Set in 1891.

1 6-inch valve on northeast corner of Francis and Wayne.

1 6-inch valve on southeast corner of Erie and Francis.

1 6-inch valve on southwest corner of Erie and Coombs.

1 6-inch valve on southeast corner of Erie and Coombs.

1 6-inch valve on southeast corner of Erie and Hanover.

1 6-inch valve on northwest corner of Hanover and Wayne.

1 6-inch valve on southeast corner of Wayne and Schick.

1 6-inch valve on southwest corner of Wayne street and Walton avenue.

1 6-inch valve on southeast corner of Wayne street and Walton avenue.

1 6-inch valve on southwest corner of Wayne street and Glasgow avenue.

1 4-inch valve on southeast corner of Oak and Division.

1 4-inch valve on southwest corner of Oak and Ohio.

1 6-inch valve on southwest corner of Francis and Lewis.

1 6-inch valve on northeast corner of Eliza and Francis.

1 6-inch valve on northwest corner of Eliza and Chute.

1 6-inch valve on northeast corner of Eliza and Chute.

1 6-inch valve on northwest corner of Eliza and McCulloch.

1 6-inch valve on northeast corner of McCulloch and Hayden.

1 6-inch valve on northeast corner of Hayden and McCulloch.

1 6-inch valve on northwest corner of Hayden and Lillie.

1 6-inch valve on northwest corner of Lillie and Hayden.

1 6-inch valve on southwest corner of Lillie and Lewis.

1 4-inch valve on northeast corner of Harmer and Eliza.

1 4-inch valve on northeast corner of Hugh and Francis.

- 1 6-inch vallye on northwest corner of Hanna and Pontiac.
- 1 6-inch valve on southwest corner of Force street and Creighton avenue.
- 1 6-inch valve on northwest corner of Force and Pontiac.
- 1 6-inch valve on southwest corner of John street and Creighton avenue.
- 1 6-inch valve on northwest corner of John and Pontiac.
- 1 6-inch valve on southwest corner of Gay street and Creighton avenue.
- 1 6-inch valve on northwest corner of Gay and Pontiac.
- 1 6-inch valve on southwest corner of Smith street and Creighton avenue.
- 1 6-inch valve on northwest corner of Smith and Pontiac.
- 1 6-inch valve on southeast corner of Creighton and Holton avenues.
- 1 8-inch valve on southeast corner of Creighton avenue and Winter.
- 1 8-inch valve on southwest corner of Creighton avenue and Winter.
- 1 4-inch valve on southeast corner of Creighton avenue and Calhoun.
- 1 4-inch valve on southeast corner of Tabor and Calhoun.
- 1 6-inch valve on northwest corner of Creighton avenue and Calhoun.
- 1 6-inch valve on northeast corner of Creighton and Fairfield avenue.
- 1 6-inch valve on northwest corner of Creighton and Fairfield avenue.
- 1 6-inch valve on northeast corner of Creighton avenue and Broadway.
- 1 6-inch valve on northeast corner of Creighton avenue and Broadway.
- 1 6-inch valve on southeast corner of Harrison street and Creighton ave.
- 1 6-inch valve on northeast corner of Harrison and Allen.
- 1 6-inch valve on southwest corner of Allen and Calhoun.
- 1 6-inch valve on northwest corner of Harrison and Williams.
- 1 4-inch valve on southeast corner of Melita and Webster.
- 1 6-inch valve on southwest corner of Taylor street and Fairfield avenue.
- 1 6-inch valve on southeast corner of Fox and Taylor.
- 1 8 inch valve on southwest corner of Wall and Broadway.
- 1 8-inch valve on southeast corner of Wall and Metz.
- 1 6-inch valve on northwest corner of Metz and Taylor.
- 1 6-inch valve on southeast corner of Taylor and Metz.
- 1 6-inch valve on northwest corner of Taylor and Broadway.

- 1 4-inch valve on southwest corner of Stophlet and Broadway.
- 1 4-inch valve on southeast corner of Stophlet and Metz.
- 1 6-inch valve on southwest corner of Nirdlinger avenue and Broadway.
- 1 6-inch valve on southeast corner of Nirdlinger avenue and Metz street.
- 1 6-inch valve on Broadway, between Nirdlinger avenue and Wall street.
- 1 6-inch valve on northeast corner of Cherry and Main.
- 1 6-inch valve on southeast corner of Boone and Osage.
- 1 6-inch valve on southwest corner of Boone and Osage.
- 1 6-inch valve on northeast corner of Watkins and Main.
- 1 6-inch valve on northwest corner of High and Barthold.
- 1 12-inch valve on northeast corner of Third street and St. Mary's avenue.
- 1 12-inch valve on northeast corner of St. Mary's avenue and Third street.
- 1 12-inch valve on southeast corner of St. Mary's avenue and Huffman street.
- 1 8-inch valve on northeast corner of Huffman and Sherman.
- 1 8-inch valve on northwest corner of Huffman and Hensch.
- 1 8-inch valve on northwest corner of Huffman and Wells.
- 1 6-inch valve on northeast corner of Cass and Fourth.
- 1 6-inch valve on northeast corner of Harrison and Fourth.
- 1 12-inch valve on southeast corner of Harrison and Fourth.
- 1 12-inch valve on northeast corner of Third and Wells.
- 1 12-inch valve on northwest corner of Third and Wells.
- 1 12-inch valve on northeast corner of Third and Barthold.
- 1 8-inch valve on northwest corner of Huffman and Sherman.
- 1 6-inch valve on northwest corner of Sherman and Huffman.
- 1 6-inch valve on southeast corner of Putnam and Sherman.
- 1 6-inch valve on southwest corner of Putnam and Wells.
- 1 6-inch valve on northwest corner of Walnut street and Fairfield avenue.
- 1 6-inch valve on southeast corner of Barr and Lewis.
- 1 6-inch valve on northeast corner of Barr and Holman.
- 1 8-inch valve on southwest corner of Maumee and Walton avenue.

- 1 6-inch valve on northeast corner of Maumee avenue and Schick street.
- 1 4-inch valve on southeast corner of Harmer and Madison.
- 1 4-inch valve on northeast corner of Harmer and Lewis.
- 1 6-inch valve on southeast corner of East Creighton avenue and Lafayette street.
- 1 6-inch valve on southwest corner of East Creighton and Hanna.
- 1 6-inch valve on northwest corner of Hendricks and Fairfield avenue.
- 1 6-inch valve on northeast corner of Hendricks and Short.

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91 Valves set in 1891.

Location of Hydrants Set in 1891.

BOURBON HYDRANTS.

- 1 on southeast corner of Boone and Osage.
- 1 on northeast corner of Huffman and Koch.
- 1 on northeast corner of Huffman and Short.
- 1 on northeast corner of Huffman and Hensch.
- 1 on southeast corner of Huffman and Meridian.
- 1 on northeast corner of Huffman and Andrews.
- 1 on northeast corner of St. Marys and Spring.
- 1 on northeast corner of St. Marys and Aboite.
- 1 on northeast corner of St. Marys and Third.
- 1 on southeast corner of Third and Oakland.
- 1 on northeast corner of High and Wefel.
- 1 on southwest corner of Erie and Harmer.
- 1 on southwest corner of Erie and Begue.
- 1 on southwest corner of Erie and Coombs.
- 1 on southwest corner of Erie and Canal.
- 1 on southwest corner of Erie and Hanover.
- 1 on southeast corner of Hanover and Wayne.
- 1 on Wayne between Hanover and Walton.
- 1 on southwest corner of Wayne and Walton.

- 1 on southwest corner of Wayne and Grant
- 1 on southwest corner of Wayne and Glasgow.
- 1 on southwest corner of oak and Chute.
- 1 in front of Hugh on Francis.
- 1 on northwest corner of Hugh and Harmer.
- 1 on northeast corner of Eliza and Francis.
- 1 on northeast corner of Eliza and Harmer.
- 1 on northeast corner of Eliza and Division.
- 1 on northeast corner of Eliza and Chute.
- 1 on northeast corner of Eliza and Ohio.
- 1 on northeast corner of Eliza and Cedar.
- 1 on northwest corner of Eliza and McCulloch.
- 1 on northeast corner of Hayden and McCulloch.
- 1 on northwest corner of Hayden and Lillie.
- 1 on Lillie between Hayden and Lewis.
- 1 on northwest corner Hanna and Sutenfield.
- 1 on northwest corner Hanna and Pontiac.
- 1 on Force, opposite Tabor, west side.
- 1 on Force, opposite Sutenfield, west side.
- 1 on northwest corner of Force and Pontiac.
- 1 on John, opposite Tabor, west side.
- 1 on John, opposite Sutenfield, west side.
- 1 on northwest corner John and Pontiac.
- 1 on northwest corner of Gay and Thomasette.
- 1 on northwest corner of Gay and Emilie.
- 1 on northwest corner of Gay and Pontiac.
- 1 on northwest corner of Smith and Thomasette.
- 1 on northwest corner of Smith and Emilie.
- 1 on northwest corner of Smith and Pontiac.
- 1 on southwest corner of Creighton and Reed.
- 1 on southwest corner of Creighton and Winter.
- 1 on southwest corner of Creighton and Lillie.
- 1 on southwest corner of Creighton and Walton.
- 1 on northwest corner of Creighton and Webster.
- 1 on Hoagland avenue and Creighton avenue.
- 1 on Creighton avenue opposite Oakley.

- 1 on northwest corner of West Creighton and Fox.
- 1 on northwest corner of West Creighton and Miner.
- 1 on northeast corner of Harrison and Tabor.
- 1 on northeast corner of Harrison and Sutfenfield.
- 1 on northeast corner of Harrison and Allen.
- 1 on southeast corner of Taylor and Oakley.
- 1 on southeast corner of Taylor and Fox.
- 1 on Taylor, between Broadway and Metz.
- 1 on southeast corner of Taylor and Metz.
- 1 on southeast corner of Stopplet and Metz.
- 1 on southeast corner of Nirdlinger and Metz.
- 1 on southeast corner of Nirdlinger and College.
- 1 on Nirdlinger avenue, between College and Broadway.
- 1 on southeast corner of Wall and Metz.
- 1 on southeast corner of Wall and College.
- 1 on Wall between Broadway and College.
- 1 on southeast corner of Boone and Centre.
- 1 on southeast corner of Boone and Mechanic.

Location of Fire Hydrants.

SET BY DERHEIMER.

MATTHEWS HYDRANTS.

- 1 on northeast corner of Cass and Fifth.
- 1 on southeast corner of Cass and Sixth.
- 1 on southeast corner of Harrison and Sixth.
- 1 on northeast corner Harrison and Third.
- 1 on northeast corner Third and Cass.
- 1 on Third and Marion.
- 1 on northwest corner Third and Orchard.
- 1 between Orchard and Barthold.
- 1 on northwest corner of Third and Barthold.
- 1 on northeast corner of Third and Sherman.

- 1 on northeast corner of Huffman and St. Marys.
- 1 on northwest corner of Huffman and Sherman.
- 1 on southeast corner of Putnam and Sherman.
- 1 on southeast corner of Putnam and Meridian.
- 1 on southeast corner of Putnam and Hensch.
- 1 on southeast corner of Putnam and Short.
- 1 on southwest corner of Putnam and Koch.
- 1 on northwest corner of Walnut street and Fairfield avenue.
- 1 on northwest corner of Walnut and Oakley.
- 1 on southeast corner of Walnut and Fox.
- 1 on southeast corner of Barr and Lewis.
- 1 on northeast corner of Barr and Montgomery.
- 1 on southeast corner of Maumee and McCulloch.
- 1 on Maumee, between McCulloch and Lillie.
- 1 on southeast corner of Maumee and Lillie.
- 1 on southwest corner of Maumee and Walton.
- 1 on southeast corner of East Creighton and Lafayette street.
- 1 on East Creighton, between Lafayette and Warsaw.
- 1 on southeast corner of East Creighton and Warsaw.
- 1 on northwest corner of Hendricks and Fairfield.
- 1 on northeast corner of Hendricks and Short.
- 1 on southeast corner of Boone and Fry.
- 1 on southeast corner of Boone and Watkins.
- 1 on Main in front of Watkins.

Water Pipes Laid in 1892.

- 983 feet of 12-inch pipe on Lewis from Clinton to Lafayette street.
- 286 feet of 4-inch pipe on Harrison from Jefferson to Lewis street.
- 750 feet of 8-inch pipe on Clinton from Creighton avenue to Suttentfield street.
- 324 feet of 6-inch pipe on Boone from Watkins to Cleveland avenue.
- 1150 feet of 4-inch pipe laid at reservoir for drainage and sprinkling purposes.

Valves Set in 1892.

- 1 12-inch valve on southeast corner of Clinton and Lewis street.
 - 1 12-inch valve on Lewis and Lafayette street.
 - 1 4-inch valve on southwest corner of Harrison and Jefferson street.
 - 1 4-inch valve on northwest corner of Harrison and Lewis street.
 - 1 4-inch valve on southwest corner of Creighton avenue and Clinton street.
 - 1 4-inch valve on southwest corner of Tabor and Clinton street.
 - 1 4-inch valve on southwest corner of Suttentfield and Clinton.
 - 1 6-inch valve on southwest corner of Boone and Watkins.
 - 1 4-inch valve on west side of reservoir.
 - 1 4-inch valve on same side.
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Valves Taken Up in 1892.

- 1 8-inch valve taken up on corner of Lewis and Clinton.
 - 1 6 inch valve taken up on corner of Lewis and Lafayette.
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Hydrants Sets in 1892.

- 1 Bourbon hydrant on southwest corner of Clinton and Creighton ave.
 - 1 “ “ on northwest corner of Clinton and Suttentfield.
 - 1 “ “ on corner Cleveland and Park avenue.
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Water Pipe Laid in 1893.

- 368 feet of 6-inch pipe on Mechanic from Main to Elm street.
- 756 feet of 4-inch pipe on Elm from Mechanic to Cherry street.
- 367 feet of 6-inch pipe on Cherry from Main to Elm street.

- 258 feet of 6-inch pipe on Nelson from Wilt to Jones street.
- 478 feet of 4-inch pipe on Jones from Nelson to alley east of College street.
- 804 feet of 6-inch pipe on College from Wilt to Wall street.
- 215 feet of 4-inch pipe on Jackson from alley to Jefferson street.
- 160 feet of 4-inch pipe on Jackson from alley to Washington street.
- 350 feet of 6-inch pipe on Walnut from Fox west to hydrant.
- 678 feet of 6-inch pipe on Oakley from Walnut to DeWald street.
- 1080 feet of 4-inch pipe on Poplar from Hoagland avenue to Oakley street.
- 115 feet of 6-inch pipe on Hoagland avenue from Butler to Duryea street.
- 421 feet of 6-inch pipe on Webster from Creighton ave. to Tabor street.
- 1280 feet of 6-inch pipe on Pontiac from Lafayette to Calhoun street.
- 1320 feet of 6-inch pipe on Tabor from Lafayette to Hanna street.
- 1323 feet of 4-inch pipe on St. Martin's from Lafayette to Hanna street.
- 767 feet of 6-inch pipe on Holton ave. from Creighton to Buchanan street.
- 826 feet of 6-inch pipe on Buchanan from Thomas to Reed street.
- 2585 feet of 6-inch pipe on Hayden from McCulloch to Francis street.
- 366 feet of 6-inch pipe on Francis from Lewis to Hayden street.
- 850 feet of 6-inch pipe on Summit from Ohio to McCulloch street.
- 357 feet of 6-inch pipe on McCulloch from Summit to Lewis street.
- 692 feet of 6-inch pipe on Grant avenue, from Berghoff's brewery to Randall street.
- 392 feet of 6-inch pipe on Huffman from St. Mary's avenue to Franklin street.
- 353 feet of 6-inch pipe on Fulton from Superior to Greeley street.
- 740 feet of 4-inch pipe on Greeley from Fulton to Van Buren street.
- 378 feet of 6-inch pipe on Canal from Erie to Liberty street.
- 456 feet of 3-inch pipe on Monroe from Madison to Lewis street.
- 385 feet of 6-inch pipe on Calhoun from Columbia to Superior street.
- 382 feet of 8-inch pipe on Harrison from Columbia to Superior street.

Location of Hydrants Set in 1893.

BOURBON HYDRANTS.

- 1 6-inch on Tabor between Warsaw and Hanna.
- 1 6-inch on northeast corner of St. Martin and Warsaw.
- 1 6-inch on southeast corner of Pontiac and Clinton.
- 1 6-inch on southeast corner of Pontiac and Barr.
- 1 6-inch on southwest corner of Pontiac and Lafayette.
- 1 6-inch on northeast corner of Tabor and Lafayette.
- 1 6-inch on Duryea, between Hoagland and Fairfield avenues.
- 1 6-inch on northeast corner of Webster and Tabor.
- 1 6-inch on southeast corner of Michigan and Metz.
- 1 6-inch on northeast corner of Hoffman and Franklin.
- 1 6-inch on northwest corner of Fulton and Greeley.
- 1 6-inch on Greeley between Fulton and VanBuren.
- 1 6-inch on northwest corner of Summit and Cedar.
- 1 6-inch on northwest corner of Summit and McCulloch.
- 1 6-inch on northwest corner of Oakley and Poplar.
- 1 6-inch on southwest corner of College and Jones.
- 1 6-inch on northwest corner of Reed and Green.
- 1 6-inch on northwest corner of Canal and Liberty.
- 1 6-inch on northwest corner of Grant avenue and Randall.
- 1 6-inch on southeast corner of Grant avenue and Humphrey.
- 1 6-inch on southeast corner of Elm and Center.
- 1 6-inch on northeast corner of Cherry and Elm.
- 1 6-inch on northeast corner of Hayden and Chute.
- 1 6-inch on northeast corner of Hayden and Division.
- 1 6-inch on northeast corner of Hayden and Harmer.
- 1 6-inch on northeast corner of Hayden and Francis.
- 1 6-inch on southwest corner of Buchanan and Holton.
- 1 6-inch on southeast corner of Buchanan and Reed.
- 1 6-inch on Hayden between McCulloch and Ohio.
- 1 6-inch on northeast corner of Hayden and Ohio.
- 1 6-inch on Tabor between Lafayette and Warsaw.

- 1 6-inch on northeast corner of Tabor and Warsaw.
- 1 6-inch on northeast corner of Mechanic and Elm.
- 335 feet of 6-inch pipe for hydrant connections.

LUDLOW HYDRANT.

- 1 6-inch on west end of Walnut street.

Location of Valves Set in 1893.

- 1 6-inch valve on southeast corner of Mechanic and Main street.
- 1 4-inch valve on southeast corner of Elm and Mechanic street.
- 1 4-inch valve on southwest corner of Elm and Cherry street.
- 1 6-inch valve on southwest corner of Cherry and Main street.
- 1 6-inch valve on southeast corner of Nelson and Wilt street.
- 1 4-inch valve on northwest corner of Jones and College street.
- 1 4-inch valve on northeast corner of Jones and College street.
- 1 6-inch valve on southeast corner of College and Wilt street.
- 1 6-inch valve on northeast corner of College and Wall street.
- 1 4-inch valve on southwest corner of Jackson and Jefferson street.
- 1 4-inch valve on southwest corner of Jackson and Washington street.
- 1 6-inch valve on southwest corner of Oakley and Walnut street.
- 1 6-inch valve on northwest corner of Oakley and DeWald street.
- 1 4-inch valve on northeast corner of Poplar and Oakley street.
- 1 6-inch valve on southeast corner of Webster and Creighton avenue.
- 1 6-inch valve on southwest corner of Hoagland avenue and Butler street.
- 1 4-inch valve on northwest corner of Duryea and Hoagland avenue.
- 1 4-inch valve on northeast corner of Poplar and Fairfield avenue.
- 1 4-inch valve on northwest corner of Poplar and Fairfield avenue.
- 1 6-inch valve on northeast corner of Tabor and Lafayette street.
- 1 6-inch valve on southeast corner of Pontiac and Calhoun street.
- 1 4-inch valve on northeast corner of St. Martin and Lafayette street.
- 1 4-inch valve on northwest corner of St. Martin and Hanna street.
- 1 6-inch valve on northwest corner of Tabor and Hanna street.

- 1 6-inch valve on northwest corner of Hayden and McCulloch street.
 - 1 6-inch valve on northwest corner of Holton and East Creighton avenues.
 - 1 6-inch valve on southeast corner of Buchanan and Thomas street.
 - 1 6-inch valve on northeast corner of Hayden and Francis street.
 - 1 6-inch valve on northwest corner of Hayden and Chute street.
 - 1 6-inch valve on northeast corner of Hayden and Chute street.
 - 1 6-inch valve on southwest corner of Summit and McCulloch street.
 - 1 6-inch valve on southeast corner of Summit and Ohio street.
 - 1 4-inch valve on northeast corner of Greeley and Van Buren street.
 - 1 4 inch valve on southwest corner of Greeley and Fulton street.
 - 1 6-inch valve on southwest corner of Fulton and Superior street.
 - 1 6-inch valve on northwest corner of Huffman and St. Mary's avenue.
 - 1 6-inch valve on southwest corner of Michigan avenue and Broadway.
 - 1 8-inch valve on northeast corner of Harrison and Columbia.
 - 1 6 inch valve on southeast corner of Columbia and Calhoun street.
 - 1 6-inch valve on northeast corner of Calhoun and Columbia street.
 - 1 3-inch valve on southeast corner of Monroe and Lewis street.
 - 1 3-inch valve on southeast corner of Monroe and Madison street.
 - 1 6 inch valve on northwest corner of Reed and Creighton avenue.
 - 1 6-inch valve on southwest corner of Reed and Buchanan street.
 - 1 6-inch valve on southeast corner of Metz and Taylor street.
 - 1 6 inch valve on southwest corner of Pontiac and Lafayette street.
 - 1 6-inch valve on northeast corner of McCulloch and Lewis street.
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Pipe Laid in the Winter of 1894.

- 3722 feet of 8-inch pipe on Columbia avenue, from Lafayette to Tecumseh street.
- 219 feet of 6-inch pipe on Wells, from Putnam street to Archer avenue.
- 1312 feet of 6-inch pipe on Archer avenue, from Wells to Meridian streets.
- 350 feet of 6-inch pipe on Meridian, from Archer avenue to Putnam street.

- 1400 feet of 6-inch pipe on Fourth, from Wells to Barthold street.
352 feet of 6-inch pipe on Barthold, from Fourth to Third streets.
1362 feet of 6-inch pipe on High, from 54 feet west of Wefel to Franklin avenue.
1580 feet of 12-inch pipe on St. Mary's avenue, from Third to Burgess streets.
190 feet of 8-inch pipe on St Mary's avenue, from Burgess street to Nickel Plate railroad.
1315 feet of 6-inch pipe on Suttentfield, from Lafayette to Hanna streets.
1050 feet of 6-inch pipe on Green, from Thomas to Winter streets.
1100 feet of 6-inch pipe on Gay, from Pontiac to Tenth streets.
950 feet of 16 inch pipe on Lafayette, from Tabor to Pontiac streets.
354 feet of 8 inch pipe on Lafayette, from Pontiac to Leith streets.
2850 feet of 16-inch pipe on Pontiac, from Lafayette to Smith streets.
375 feet of 4-inch pipe on Walter, from Maumee Road to Washington street.
330 feet of 6-inch pipe on Taylor, from Metz to Engle streets.
125 feet of 6-inch pipe on Pearl, from in front of Troy Laundry to Ewing.
193 feet of 6-inch pipe on West Washington, from Gardner street to Fair Ground.
47 feet of 6-inch pipe on Gardner, from south side of Washington street north to property line and plugged.
650 feet of 6-inch pipe on Fulton, from Jefferson to Brackenridge streets.
325 feet of 6-inch pipe on Brackenridge, from Fulton to Broadway.
300 feet of 4-inch pipe on Chicago, from Union to Jackson streets.
400 feet of 6-inch pipe on Baker, from McClellan to Ewing streets.
450 feet of 6-inch pipe on Thomas, from Creighton avenue to Thomas-etta street.
2048 feet of 12-inch pipe on Allen, from Lafayette to Webster streets.
209 feet of 12-inch pipe on Webster, from Allen to Pontiac streets.
611 feet of 12-inch pipe on Pontiac street.

South Wayne Extension, 1894.

- 212 feet of 6-inch pipe on Broadway, from Creighton to Scott avenue.
- 1800 feet of 8-inch pipe on Broadway, from Scott to Home avenue.
- 1200 feet of 6-inch pipe on Scott avenue, from Broadway to Thompson street.
- 1200 feet of 6-inch pipe on Huestis avenue, from Broadway to Thompson street.
- 1200 feet of 6-inch pipe on Maple avenue, from Broadway to Thompson street.
- 1100 feet of 6-inch pipe on Park avenue, from Broadway to Thompson street.
- 415 feet of 4-inch pipe on Ferguson, from Broadway to Miner street.
- 618 feet of 10-inch pipe on Grace avenue, from Broadway to Indiana avenue.
- 630 feet of 4-inch pipe on Lincoln, from Broadway to Indiana avenue.
- 685 feet of 4-inch pipe on Park avenue, from Broadway to Indiana avenue.
- 900 feet of 8-inch pipe on Home avenue, from Broadway to Indiana avenue.
- 1300 feet of 10-inch pipe on Home avenue, from Indiana to Fairfield avenue.
- 975 feet of 6-inch pipe on Miner, from Creighton to Grace avenue.
- 1950 feet of 6-inch pipe on Fox, from Creighton to Grace avenue.
- 1950 feet of 6-inch pipe on South Wayne, from Creighton to Home avenue.
- 1300 feet of 6-inch pipe on Fairfield avenue, from Creighton avenue to Pontiac street.
- 1300 feet of 6-inch pipe on Hoagland avenue, from Creighton avenue to Pontiac street.
- 675 feet of 12-inch pipe on Pontiac, from Hoagland to Fairfield avenue.
- 650 feet of 12-inch pipe on Fairfield avenue, from Pontiac street to Home avenue.
- 1612 feet of 8-inch pipe on Fairfield avenue, from Home to Organ avenue.

612 feet of 6-inch pipe on Organ avenue, from Fairfield to South Wayne avenue.

300 feet of 2-inch wrought iron pipe on Hoagland avenue, from Pontiac street south.

300 feet of 2-inch wrought iron pipe on Bell, from Fox street west.

Pipes Laid in 1894.

632 feet of 6-inch pipe on Michigan avenue, from Broadway to Metz street.

519 feet of 6-inch pipe on Metz, from Michigan avenue to Taylor street.

354 feet of 6-inch pipe on Taylor, from Metz to Eagle streets.

784 feet of 6-inch pipe on Reed, from Creighton avenue to Buchanan.

249 feet of 4-inch pipe on Superior, from Woolen Mills to Lafayette street.

120 feet of 6-inch pipe on Lafayette, from Superior to hydrant at K. Baker's barn.

Hydrants Set During the Year 1894.

BOURBON HYDRANTS.

1 6-inch, 25 feet east of Nickel Plate R. R. on Columbia.

1 6-inch, on southeast corner of Columbia avenue and Clay street.

1 6-inch, on southeast corner of Columbia avenue and Edgewater street.

1 6-inch, on southeast corner of Columbia avenue and Old Fort street.

1 6-inch, on southeast corner of Columbia avenue and Loree street.

1 6-inch, on southeast corner of Columbia avenue and Dearborn street.

1 6-inch, on southeast corner of Columbia avenue and Oneida street.

1 6-inch, on southeast corner of Columbia avenue and Tecumseh street.

1 6-inch, on southwest corner of Wells and Archer avenue.

- 1 6-inch, on southeast corner of Archer and Koch streets.
- 1 6-inch, on southeast corner of Archer avenue and Short street.
- 1 6-inch, on southeast corner of Archer avenue and Hench street.
- 1 6 inch, on southeast corner of Archer avenue and Meridian street.
- 1 6-inch 368 feet west of Wells, on Fourth, on north side.
- 1 6-inch, 712 feet west of Wells, on Fourth, on north side.
- 1 6-inch, 300 feet east of Barthold, on Fourth.
- 1 6-inch, on northeast corner of Barthold and Fourth.
- 1 6-inch, on northeast corner of High and Sherman.
- 1 6-inch, half way between Sherman and St. Mary's avenue, on High, north side.
- 1 6-inch, on northeast corner of High and St. Mary's avenue.
- 1 6-inch, on northeast corner of High and Franklin.
- 1 6-inch, half way between Third and High, on St. Mary's avenue.
- 1 6-inch, on southeast corner of St. Mary's avenue and Polk street.
- 1 6-inch, on southeast corner of St. Mary's avenue and Burgess street.
- 1 6-inch, on southeast corner of St. Mary's avenue and Beck street.
- 1 6-inch, on northeast corner of St. Mary's avenue and Nickel Plate Railroad.
- 1 6-inch, on northwest corner of Thomas and Thomassette street.
- 1 6-inch, on southeast corner of Washington and Griffith streets.
- 1 6-inch, on southwest corner of Washington and Garden street.
- 1 6-inch, on southeast corner of Broadway and Main.
- 1 6-inch, on southeast corner of Taylor and Eagle streets.
- 1 6-inch, on northwest corner of Caroline and Pontiac.
- 1 6-inch, on northwest corner of Warsaw and Pontiac.
- 1 6-inch, on corner of Baker and Ewing, on south side.
- 1 6-inch, on northwest corner of Sutenfield and Warsaw.
- 1 6-inch, on Sutenfield and Caroline, on south side.
- 1 6-inch, on northeast corner of Sutenfield and Lafayette.
- 1 6-inch, on northwest corner of Green street and Holton avenue.
- 1 6-inch, on northwest corner of Green and Winter.
- 1 6-inch, on northeast corner of Pearl and Ewing streets.

MATTHEWS HYDRANTS.

1 on Pontiac, between Hoagland avenue and Webster street, south side.

1 on southeast corner of Webster and Allen streets.

Hydrants Set in South Wayne 1894.

MATTHEWS HYDRANTS.

1 on the northwest corner of Fairfield avenue and Organ avenue.

1 on northeast corner of Organ and South Wayne.

1 on Hoagland avenue, between Creighton avenue and Pontiac street.

1 on the northwest corner of Hoagland avenue and Pontiac street.

1 on South Wayne, between Home and Creighton avenues.

1 on South Wayne, between Home and Creighton avenues.

1 on South Wayne, between Home and Grace avenues.

1 on Fairfield, between Creighton and Pontiac street.

1 on southwest corner of Fairfield and Pontiac street.

1 on northwest corner of Fairfield and Home avenues.

1 on Fairfield, between Home and Packard avenues.

1 on Home, between Indiana avenue and Broadway.

1 on Fairfield and Packard avenues.

1 on northwest corner of Indiana and Home avenues.

1 on southwest corner of Indiana and Grace avenues.

1 on northwest corner of Miner and Ferguson.

1 on Fox, between Creighton and Grace avenues.

1 on Fox, between Grace and Home avenues.

1 on northeast corner of Home and South Wayne.

1 on Scott, between Broadway and Thompson street.

1 on southeast corner of Huestis and Thompson streets.

1 on Maple avenue, between Broadway and Thompson street.

1 on northeast corner of Park and Thompson street.

1 on Broadway, between Creighton and Huestis avenues.

- 1 on southeast corner of Broadway and Grace avenue.
 - 1 on northeast corner of Broadway and Park avenue.
 - 168 feet of 6-inch pipe for hydrant connections.
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Valves Set in South Wayne in 1894.

- 1 12-inch valve on southwest corner of Pontiac and Hoagland avenue.
- 1 6-inch valve on northwest corner of Hoagland avenue and Pontiac street.
- 1 6-inch valve on southwest corner of Hoagland avenue and Pontiac street.
- 1 2-inch valve on southwest corner of Hoagland avenue and Pontiac street.
- 1 2-inch valve on southwest corner of Bell and Fox street.
- 1 6-inch valve on southwest corner of Fairfield avenue and Pontiac street.
- 1 6-inch valve on southwest corner of Fairfield and Creighton avenues.
- 1 6-inch valve on northeast corner of South Wayne and Creighton avenue.
- 1 6-inch valve on northwest corner of Fox and Home avenue.
- 1 6-inch valve on southwest corner of Fox and Grace avenue.
- 1 10-inch valve on northwest corner of Home avenue and Fox street.
- 1 10-inch valve on northwest corner of Home and Fairfield avenue.
- 1 6-inch valve on northwest corner of Organ and Fairfield avenue.
- 1 8-inch valve on northwest corner of Fairfield and Organ avenue.
- 1 8-inch valve on southwest corner of Fairfield and Home avenue.
- 1 6-inch valve on northeast corner of Park and Thompson avenue.
- 1 6-inch valve on southwest corner of Fox and Creighton avenue.
- 1 6-inch valve on northwest corner of Miner and Grace avenue.
- 1 6-inch valve on southwest corner of Miner and Creighton avenue.
- 1 4-inch valve on northwest corner of Park and Indiana avenue.
- 1 4-inch valve on northeast corner of Park avenue and Broadway.
- 1 4-inch valve on northwest corner of Lincoln and Indiana avenue.
- 1 4-inch valve on northeast corner of Lincoln avenue and Broadway.

- 1 10-inch valve on northeast corner of Home avenue and Broadway.
 - 1 12-inch valve on northwest corner of Fairfield and Home avenue.
 - 1 6-inch valve on northeast corner of Huestis avenue and Thompson street.
 - 1 6-inch valve on southwest corner of Huestis avenue and Broadway.
 - 1 6-inch valve on southeast corner of Scott avenue and Thompson street.
 - 1 6-inch valve on southwest corner of Scott avenue and Broadway.
 - 1 10-inch valve on northwest corner of Grace and Indiana avenue.
 - 1 10-inch valve on northeast corner of Grace avenue and Broadway.
 - 1 4-inch valve on southeast corner of Ferguson and Broadway.
 - 1 8-inch valve on northeast corner of Broadway and Home avenue.
 - 1 8 inch valve on northeast corner of Broadway and Grace avenue.
 - 1 6-inch valve on southeast corner of Broadway and Creighton avenue.
 - 1 6-inch valve on northwest corner of Park avenue and Broadway.
 - 1 6-inch valve on southwest corner of Maple avenue and Thompson street.
 - 1 6-inch valve on southwest corner of Maple avenue and Broadway.
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Valves Set in 1894.

- 1 6-inch valve on southeast corner of Archer avenue and Meridian street.
- 1 6 inch valve on northwest corner of Meridian and Putnam streets.
- 1 4-inch valve on northeast corner of Walter street and Maunee avenue.
- 1 4-inch valve on southeast corner of Walter and Washington streets.
- 1 6-inch valve on southwest corner of Union and Pritchard streets.
- 1 4-inch valve on northeast corner of Jackson and Chicago streets.
- 1 6-inch valve on northeast corner of High and St. Mary's avenue.
- 1 6-inch valve on northwest corner of High and St. Mary's avenue.
- 1 12-inch valve on southwest corner of St. Mary's avenue and Third street.

- 1 12-inch valve on northeast corner of St. Mary's avenue and High street.
- 1 12-inch valve on northeast corner of St. Mary's avenue and Burgess street.
- 1 8-inch valve on southeast corner of St. Mary's avenue and Burgess street.
- 1 6-inch valve on northwest corner of Fourth and Wells street.
- 1 6-inch valve on northeast corner of Fourth and Barthold street.
- 1 6-inch valve on northwest corner of Barthold and Third street.
- 1 6-inch valve on southwest corner of Archer avenue and Wells street.
- 1 6-inch valve on northeast corner of Green and Holton avenue.
- 1 6-inch valve on southwest corner of Thomas and Creighton avenue.
- 1 12-inch valve on southwest corner of Allen and Lafayette street.
- 1 12-inch valve on southeast corner of Allen and Calhoun street.
- 1 12-inch valve on southwest corner of Allen and Calhoun street.
- 1 12-inch valve on southeast corner of Allen and Webster streets.
- 1 8-inch valve on southeast corner of Columbia avenue and Lafayette street.
- 1 8-inch valve on southeast corner of Columbia avenue and St. Joe River Road.
- 1 8-inch valve on southeast corner of Columbia avenue and Dearborn street.
- 1 8-inch valve on southeast corner of Columbia avenue and Tecumseh street.
- 1 16-inch valve on southwest corner of Lafayette and Tabor street.
- 1 8-inch valve on northeast corner of Lafayette and Pontiac street.
- 1 16-inch valve on northeast corner Pontiac and Lafayette street.
- 1 16-inch valve on northwest corner of Pontiac and Hanna street.
- 1 6-inch valve on northeast corner of Suttentfield and Lafayette street.
- 1 6-inch valve on northwest corner of Suttentfield and Hanna street.
- 1 6-inch valve on northwest corner of Caroline and Pontiac streets.
- 1 6-inch valve on northwest corner of Warsaw and Pontiac streets.
- 1 6-inch valve on southwest corner of Gay and Pontiac streets.
- 1 6-inch valve on northeast corner of Green and Thomas streets.

Extensions Made in 1895.

- 1062 feet of 6-inch pipe on Thomas from Pontiac to Thomasetta street.
2454 feet 6 inches of 16-inch pipe on Pontiac from Smith to Walton avenue.
3826 feet 6 inches of 16-inch pipe on Walton avenue from Pontiac street to Wayne Trace.
1626 feet of 12-inch pipe on Walton avenue from Wayne Trace to Lewis street.
877 feet of 6-inch pipe on Liberty from Canal to Begue street.
309 feet of 6-inch pipe on Harmer from Erie to Liberty street.
516 feet of 6-inch pipe on Lafayette from Leith street to Grace avenue.
391 feet of 6-inch pipe on Zollars from Metz west to City limits.
385 feet of 6-inch pipe on Metz from Michigan avenue to Zollars street.
375 feet of 6-inch pipe on Pine from Taylor to Locust street.
374 feet of 6-inch pipe on Locust from Fairfield avenue to Pine street.
345 feet of 6-inch pipe on Baker from Fairfield avenue to first hydrant east.
24 feet of 8-inch pipe on East Creighton to connect with 16-inch line on Walton avenue.
597 feet of 6-inch pipe for hydrant connections.
571 feet of 8-inch pipe on Hanna from Pontiac to Ninth street.
377 feet of 4-inch pipe on Fry from Main to Boone street.
572 feet of 6-inch pipe on Caroline from Pontiac to Suttentfield street.
346 feet of 4-inch pipe on West Superior from Van Buren to Jackson street.
256 feet of 4-inch pipe on Jackson from West Superior to Greeley street.
350 feet of 4-inch pipe on Greeley from Jackson to Van Buren street.
331 feet of 6-inch pipe on Wall from Metz to Garden street.
504 feet of 3-inch pipe from Columbia to Lake avenue.
306 feet of 4-inch pipe on Fifth from Cass to Harrison street.
391 Feet of 4-inch pipe on College from Wayne to Berry street.

- 8 feet of 6-inch pipe on West Wayne to connect with College street.
732 feet of 3-inch pipe on Webster from Allen to Tabor street.
418 feet of 6-inch pipe on Holton avenue from Creighton avenue to Julia street.
664 feet of 4-inch pipe on Hurd from Julia to Winter street.
385 feet of 6-inch pipe on Winter street from East Creighton avenue to Hurd street.
531 feet of 6-inch pipe on Liberty, from Begue to Harmer street.
20 $\frac{2}{3}$ feet of 6-inch pipe on Harmer to connect with Liberty street.
572 feet of 10-inch pipe on Ross street, from No. 2 Station to West Superior street.
700 feet of 6-inch pipe on North Calhoun, from Fourth to Sixth street.
300 feet of 6-inch pipe on Sixth, from Calhoun to Cass street.
221 feet of 3-inch pipe on or in alley running from Calhoun to Jail.
516 feet of 3-inch pipe on North Calhoun, from alley of Jail yard north.
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Valves Set During the Year 1895.

- 1 6-inch valve on northwest corner of Oliver and Pontiac.
1 16-inch valve on northwest corner of Pontiac and Thomas.
1 6-inch valve on northwest corner of Thomas and Pontiac.
1 6-inch valve on northwest corner of Holton avenue and Pontiac street.
1 6-inch valve on northwest corner of Reed and Pontiac.
1 6-inch valve on northwest corner of Winter and Pontiac.
1 6-inch valve on northwest corner of Lillie and Pontiac.
1 16-inch valve on northwest corner of Pontiac street and Walton avenue.
1 16-inch valve on Walton avenue on northwest corner of Pontiac street.
1 6-inch valve on southeast corner of Walton and Creighton avenue.
1 6-inch valve on southwest corner of Edgerton street and Walton avenue.

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- 1 6-inch valve on southwest corner of Simons street and Walton avenue.
 - 1 6-inch valve on southwest corner of Lantenier street and Walton avenue.
 - 1 6-inch valve on southwest corner of Selden street and Walton avenue.
 - 1 6-inch valve on southeast corner of Walton avenue and Wayne Trace.
 - 1 12-inch valve on northeast corner of Walton avenue and Wayne Trace.
 - 1 6-inch valve on northwest corner of Hayden street and Walton avenue.
 - 1 12-inch valve on northeast corner of Walton avenue and Eliza street.
 - 1 6-inch valve on southeast corner of Hugh street and Walton avenue.
 - 1 12-inch valve on southeast corner of Walton avenue and Lewis street.
 - 1 6-inch valve on northwest corner of Liberty and Canal street.
 - 1 6-inch valve on northeast corner of Harmer and Erie street.
 - 1 6-inch valve on southwest corner of Zollars avenue and Metz street.
 - 1 6-inch valve on southeast corner of Metz and Michigan avenue.
 - 1 6-inch valve on northwest corner of Pine and Taylor streets.
 - 1 8-inch valve on northwest corner of Locust street and Fairfield avenue.
 - 1 6-inch valve on southeast corner of Baker street and Fairfield avenue.
 - 1 8-inch valve on southwest corner of Hanna and Pontiac street.
 - 1 4-inch valve on northwest corner of Fry and Main street.
 - 1 10-inch valve on Ross at McCulloch property line near gate.
 - 1 6-inch valve on southeast corner of Caroline and Sittenfield street.
 - 1 6-inch valve on northeast corner of Van Buren and Main street.
 - 1 6-inch valve on southwest corner of West Superior and Van Buren streets.
 - 1 4-inch valve on southwest corner of Greeley and Van Buren street.
 - 1 4-inch valve on southwest corner of Superior and Van Buren street.
 - 1 6-inch valve on southwest corner of Wall and Metz street.
 - 1 4-inch valve on southwest corner of Hurd and Winter street.
 - 1 4-inch valve on southeast corner of Hurd and Holton avenue.
 - 1 6-inch valve on southwest corner of Winter street and East Creighton avenue.

- 1 6-inch valve on southwest corner of Holton and East Creighton avenue.
 - 1 3-inch valve in alley running to jail from North Calhoun on property line of West Calhoun.
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Hydrants Set During the Year 1895.

MATTHEWS HYDRANTS.

- 1 on northwest corner of Oliver and Pontiac street.
- 1 on northwest corner of Thomas and Pontiac street.
- 1 on northwest corner of Holton avenue and Pontiac street.
- 1 on northwest corner of Reed and Pontiac streets.
- 1 on northwest corner of Winter and Pontiac street.
- 1 on northwest corner of Lillie and Pontiac street.
- 1 on northwest corner of Pontiac street and Walton avenue.
- 1 on Walton avenue and Henry street, west side of Walton avenue.
- 1 on Walton avenue, between Henry and Mercer street, west side.
- 1 on northwest corner of Walton avenue and Milan street.
- 1 on southwest corner of Edgerton and Walton avenue.
- 1 on Walton avenue, between P., Ft. W. & C. Railroad and Simons street, west side.
- 1 on southwest corner of Walton avenue and Simons street.
- 1 on southwest corner of Lanternier street and Walton avenue.
- 1 on southwest corner of Selden street and Walton avenue.
- 1 on northwest corner of Hayden street and Walton avenue.
- 1 on Walton avenue opposite Eliza street, on west side.
- 1 on southeast corner of Hugh street and Walton avenue.
- 1 on northeast corner of Liberty and Coombs street.
- 1 on northeast corner of Liberty and Begue street.
- 1 on southeast corner of Harmer and Liberty street.
- 1 on northwest corner of Thomas and Emily street.
- 1 on northwest corner of Lafayette street and Grace avenue.

- 1 on west end of Zollars street.
- 1 on the southwest corner of Zollars and Metz street.
- 1 on the northeast corner of Locust and Pine street.
- 1 on the northwest corner of Hanna and Ninth street.
- 1 on southeast corner of Webster and Suttentfield street.
- 1 on southwest corner of Holton avenue and Julia street.
- 1 on southwest corner of Winter and Hurd street.
- 1 on southwest corner of North Calhoun and Fifth street.
- 1 on southwest corner of North Calhoun and Sixth street.
- 1 on southwest corner of Wall and Garden street.
- 1 on southeast corner of West Superior street.

Pipes Laid in 1896.

- 1328 feet of 6-inch pipe on Glasgow avenue from East Washington to Maumee road.
- 687 feet of 6-inch pipe on Maumee road from Allgier to Glasgow avenue.
- 716 feet of 8-inch pipe on Maumee from Walton to Allgier street.
- 363 feet of 6-inch pipe on Grant from Maumee road to Humphrey street.
- 363 feet of 6-inch pipe on Allgier street from Maumee road to Pennsylvania street.
- 287 feet of 6-inch pipe on Pennsylvania street from Allgier to Winch street.
- 1074 feet of 6-inch pipe on Winch from Pennsylvania street to Wabash railroad.
- 1352 feet of 6-inch pipe on Wabash avenue from Maumee to Washington street.
- 373 feet of 6-inch pipe on Winter from Hayden to Eliza street.
- 306 feet of 6-inch pipe on Eliza street from Winter to McCulloch street.

350 feet of 6-inch pipe on Holton ave. from Buchanan to Horace street.

17 feet of 6-inch pipe on Horace from hydrant to connect with Holton avenue.

20 feet of 6-inch pipe on Green from hydrant to connect with Winter.

452 feet of 6-inch pipe on Winter from Creighton to Green street.

638 feet of 6-inch pipe on Edgerton from Winter to Walton.

1486 feet of 6-inch pipe on Oliver from Creighton ave. to Pontiac street.

446 feet of 4-inch pipe on Maud from Thomas street to Holton avenue.

1099 feet of 6-inch pipe on Holton avenue from Pontiac to Julia street.

319 feet of 6-inch pipe on Kansas from Grand to Melita street.

422 feet of 3-inch pipe on Guthrie, east of Metz street.

86 feet of 6-inch pipe on Metz from Zollars to Guthrie street.

1100 feet of 6-inch pipe on Garden from Wall to Taylor street.

20 feet of 6-inch pipe on Wall from hydrant to connect Garden street.

349 feet of 4-inch pipe on Swinney from Garden to Nelson street.

166 feet of 4-inch pipe on Rockhill from Wilt to Pritchard street.

38 feet of 4-inch pipe on Pritchard east to Rockhill street.

181 feet of 4-inch pipe on Jones from Rockhill to alley west.

276 feet of 6-inch pipe on Hanover from Erie north to hydrant.

291 feet of 6-inch pipe on First from Cass to Harrison street.

690 feet of 6-inch pipe on Harrison from First to Third street.

293 feet of 4-inch pipe on Second from Harrison to Cass street.

32 feet of 6-inch pipe on West Second street from hydrant west.

571 feet of 6-inch pipe on Marion from Third to High street.

18 feet of 6-inch pipe on Clark north of High street.

598 feet of 4-inch pipe on Barthold from High to Third street.

22 feet of 6-inch pipe on West Fifth from Wells street west.

364 feet of 4-inch pipe on Chicago from Rockhill to Union street.

338 feet of 4-inch pipe on Van Buren from Pritchard to Wilt street.

362 feet of 6-inch pipe on Garden street to hydrant south.

396 feet of 4-inch pipe for Swinney Park, taken from Garden street.

967 feet of 6 inch pipe on Taylor from Fox to Broadway.

114 feet of 6-inch pipe on Walnut from hydrant to Miner street.

1272 feet of 6-inch pipe on Miner from Walnut to West DeWald street.

657 feet of 6-inch pipe on Guthrie from Metz to Thompson street.

246 feet of 6-inch pipe on Thompson from Guthrie to Scott avenue.

- 708 feet of 6-inch pipe on Hoagland from Pontiac to Killea.
728 feet of 6-inch pipe on Leith from Webster to Calhoun street.
537 feet of 4-inch pipe on Jane from Leith to Grace street.
372 feet of 4-inch pipe on McLaughlin from Leith to alley south on McLaughlin.
902 feet of 6-inch pipe on Suttentfield from Clinton to Lafayette street.
732 feet of 6-inch pipe on East Creighton.
1311 feet of 6-inch pipe on Masterson street from Lafayette to Calhoun.
1311 feet of 6-inch pipe on Hamilton from Lafayette to Calhoun street.
346 feet of 6-inch pipe on Grand street from Webster to Kansas street.
445 feet of 4-inch pipe on Julia street from Thomas to Holton avenue.
445 feet of 4-inch pipe on Fisher from Thomas to Holton avenue.
1550 feet of 6-inch pipe on Reed from Creighton to Pontiac.
1162 feet of 6-inch pipe on Winter from Pontiac to Hurd street.
1547 feet of 6-inch pipe on Lillie from Creighton to Pontiac street.
22 feet of 6-inch pipe on Lafayette from Hydrant to Grace street.
1256 feet of 6-inch pipe on Grace street from Lafayette to Calhoun street.
133 feet of 6-inch pipe on Calhoun street from Grace to Killea street.
1341 feet of 6-inch pipe on Killea from Calhoun to Hoagland.
328 feet of 4-inch pipe on Stophlet from Garden to Nelson street.
428 feet of 4-inch pipe on Rockhill from Pritchard to Chicago street.
247 feet of 4-inch pipe on West Berry from College street west.
1398 feet of 6-inch pipe on Main from Osage to Runnion.
494 feet of 6 inch pipe on Runnion from Main to Morrison street.
352 feet of 6-inch pipe on Morrison from Runnion to Park street.
189 feet of 6-inch pipe on Hark from Morrison to Cleveland street.
123 feet of 6-inch pipe on Cleveland from hydrant southwest.
1751 feet of 6 inch pipe on Montgomery from Barr to Hanna street.
360 feet of 6-inch pipe on Columbia avenue from Tecumseh to Crescent street.
374 feet of 6-inch pipe on Crescent from Columbia to Lake avenue.

- 2435 feet of 12-inch pipe on Lake from Crescent to St. Joe Boulevard.
480 feet of 12-inch pipe on St. Joe Boulevard from Lake to Columbia avenue.
468 feet of 4-inch pipe on Harrison from Superior to St. Mary's River.
339 feet of 6-inch pipe on Force from Pontiac street south.
1380 feet of 12-inch pipe on Superior from Webster to Ross street.
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Hydrants Sets in 1896.

MATTHEWS HYDRANTS.

- 1 on southwest corner of Lake and Oneida.
- 1 on southwest corner of Lake and Dearborn.
- 1 on southwest corner of Lake and Loree.
- 1 on southeast corner of Lake and St. Joe Boulevard.
- 1 on northwest corner of Harrison and Second.
- 1 on northwest corner of Clark and High.
- 1 on northwest corner of Crescent and Columbia avenue.
- 1 on southwest corner of Lake and Crescent avenue.
- 1 on southwest corner of Lake and Tecumseh.
- 1 on southeast corner of Montgomery and Monroe.
- 1 on southeast corner of Montgomery and Clay.
- 1 on southeast corner of Montgomery and Lafayette.
- 1 on northwest corner of Hanover and Nickel Plate.
- 1 on northwest corner of Harrison and First.
- 1 on northwest corner of Rockhill and Chicago.
- 1 on northeast corner of Garden.
- 1 on northwest corner of Runnion and West Main.
- 1 on West Main between Cleveland and Watkins.
- 1 on northeast corner of Morrison and Runnion.
- 1 on southwest corner of Taylor and Wabash railroad.
- 1 on northeast corner of Thompson and Scott.
- 1 on Gurthea between Metz and Thompson.
- 1 on southeast corner of Garden and Swinney.

- 1 on southeast corner of Garden and Stophlet.
- 1 on southwest corner of Rockhill and Prichard.
- 1 on southeast corner of Masterson and Barr.
- 1 on southeast corner of Masterson and Clinton.
- 1 on southeast corner of Hamilton and Barr.
- 1 on southeast corner of Hamilton and Clinton.
- 1 on southwest corner of Kansas and Grand.
- 1 on northwest corner of Hoagland and Leith.
- 1 on southeast corner of Leith and Webster.
- 1 on southeast corner of Leith and Harrison.
- 1 on southeast corner of Sutterfield and Barr.
- 1 on southeast corner of Creighton avenue and Barr.
- 1 on northeast corner of Grace and McLaughlin.
- 1 on northeast corner of Grace and Jane.
- 1 on northeast corner of Killea and Harrison.
- 1 on northwest corner of Killea and Webster.
- 1 on Holton between Fisher and Maud.
- 1 between Jenison and Pontiac.
- 1 on Winter between Pontiac and Jenison.
- 1 on southwest corner of Lillie and Milan.
- 1 on Lillie between Pontiac and Milan.
- 1 on Winch between Pennsylvania and Wabash railroads.
- 1 on northwest corner of Winch and Wabash railroad.
- 1 on southwest corner of Winter and Eliza.
- 1 on northwest corner of Oliver and Thomasetta.
- 1 on northwest corner of Oliver and Emily.
- 1 on Glasgow avenue between Humphrey and Randall.
- 1 on northwest corner of Glasgow and Maumee avenues.
- 1 on northwest corner of Wabash and Randall.
- 1 on northwest corner of Wabash and Humphrey.
- 1 on southwest corner of Maumee avenue and Alliger.
- 1 on southwest corner of Winch and Penn.
- 1 on northeast corner of Cottage and Indiana.

Valves Set in 1896.

- 1 4-inch valve on southwest corner of Maud and Holton.
- 1 4-inch valve on southeast corner of Julia and Thomas.
- 1 4-inch valve on southwest corner of Julia and Holton.
- 1 6-inch valve on northwest corner of Winter street and Creighton avenue.
- 1 6-inch valve on southeast corner of Winter and Edgerton.
- 1 4-inch valve on southwest corner of Holton and Buchanan.
- 1 6-inch valve on northwest corner of Holton and Buchanan.
- 1 6-inch valve on northwest corner of Winter and Hayden.
- 1 6-inch valve on northeast corner Eliza and McCulloch.
- 1 8-inch valve on southeast corner of Maumee and Walton.
- 1 6-inch valve on southeast corner of Maumee and Alliger.
- 1 6-inch valve on southwest corner of Maumee and Alliger.
- 1 6-inch valve on southwest corner of Winch and Penn.
- 1 6-inch valve on northeast corner of Grant and Maumee.
- 1 6-inch valve on southeast corner of Grant and Washington.
- 1 6-inch valve on southwest corner of Wabash and Washington.
- 1 6-inch valve on northwest corner of Wabash and Maumee.
- 1 6-inch valve on northwest corner of Glasgow and Maumee.
- 1 6-inch valve on southwest corner of Glasgow and Washington.
- 1 12-inch valve on northeast corner of Lake and Columbia avenue.
- 1 12-inch valve on southeast corner of Lake and St. Joe Boulevard.
- 1 12-inch valve on southwest corner of Lake and Dearborn.
- 1 12-inch valve on southwest corner of Lake and Crescent.
- 1 12-inch valve on southwest corner of Superior and Griffith.
- 1 12-inch valve on southwest corner of Superior and Webster.
- 1 3-inch valve on northeast corner of Guthrie and Metz.
- 1 6-inch valve on northwest corner of Guthrie and Metz.
- 1 6-inch valve on northeast corner of First and Cass.
- 1 6-inch valve on southwest corner of Harrison and Third.
- 1 4-inch valve on southwest corner of Harrison and Second.
- 1 4-inch valve on southeast corner of Cass and Second.

- 1 6-inch valve on northwest corner of Wells and Second.
- 1 6-inch valve on northwest corner of Marion and High.
- 1 6-inch valve on southwest corner of Marion and Third.
- 1 6-inch valve on northwest corner of Clark and Wells.
- 1 4-inch valve on northwest corner of Barthold and High.
- 1 4-inch valve on southwest corner of Barthold and Third.
- 1 6-inch valve on southwest corner of Main and Cherry.
- 1 6-inch valve on southeast corner of Main and Lake Erie & Western railway.
- 1 6-inch valve on northwest corner of Main and Runion.
- 1 6-inch valve on northeast corner of Morrison and Runion.
- 1 6-inch valve on northeast corner of Cleveland and Park.
- 1 4-inch valve on southwest corner of Berry and College.
- 1 4-inch valve on southeast corner of Rockhill and Wells.
- 1 4-inch valve on northwest corner of Rockhill and Chicago.
- 1 4-inch valve on northwest corner of Rockhill and Jones.
- 1 4-inch valve on northeast corner of Van Buren and Pritchard.
- 1 4-inch valve on southeast corner of Van Buren and Wells.
- 1 6-inch valve on northeast corner of Garden and Wall.
- 1 6-inch valve on northeast corner of Garden and Taylor.
- 1 4-inch valve on southeast corner of Garden and Stophlet.
- 1 4-inch valve on southeast corner of Garden and Nirdlinger.
- 1 6-inch valve on northeast corner of Miner and Walnut.
- 1 6-inch valve on northeast corner of Miner and DeWald.
- 1 6-inch valve on northeast corner of Thompson and Scott.
- 1 6-inch valve on southwest corner of Leith and Calhoun.
- 1 6-inch valve on northwest corner of Killea and Calhoun.
- 1 6-inch valve on northeast corner of Killea and Hoagland.
- 1 6-inch valve on southwest corner of Pontiac and Hoagland.
- 1 6-inch valve on northeast corner of Grace and Calhoun.
- 1 6-inch valve on northwest corner of Grace and Lafayette.
- 1 4-inch valve on northwest corner of Grace and Jane.
- 1 4-inch valve on southwest corner of Leith and Jane.
- 1 4-inch valve on southwest corner of Leith and McLachlan.
- 1 6-inch valve on northwest corner of Suttentfield and Lafayette.
- 1 6-inch valve on southeast corner of Suttentfield and Clinton.

- 1 6-inch valve on southwest corner of Creighton avenue and Lafayette.
- 1 6-inch valve on southwest corner of Masterson and Lafayette.
- 1 6-inch valve on southeast corner of Masterson and Calhoun.
- 1 6-inch valve on southeast corner of Hamilton and Calhoun.
- 1 6-inch valve on southwest corner of Hamilton and Lafayette.
- 1 6-inch valve on southwest corner of Force and Pontiac.
- 1 6-inch valve on southwest corner of Oliver and Creighton avenue.
- 1 6-inch valve on southeast corner of Reed and Creighton avenue.
- 1 6-inch valve on southeast corner of Winter and Creighton avenue.
- 1 6-inch valve on southeast corner of Lillie and Creighton avenue.
- 1 4-inch valve on southeast corner of Fisher and Thomas.
- 1 4-inch valve on southwest corner of Fisher and Holton.
- 1 4-inch valve on southeast corner of Maud and Thomas.

PIPE SYSTEM.

Mains Laid to Date, Including Extensions.

Size In.	On.	From.	To.	Feet.
6	Allen	Harrison	Calhoun	380
6	Archer avenue	Wells	Meridian	1312
12	Allen	Lafayette	Webster	2048
3	Alley	Calhoun	Jail	221
6	Alliger	Maumee	Penn	363
6	Buchanan	Thomas	Reed	826
6	Barthold	Fourth	Third	352
6	Brackenridge	Fulton	Broadway	325
6	Baker	McClellan	Ewing	400
6	Broadway	Creighton avenue	Scott avenue	212
8	Broadway	Scott avenue	Home avenue	1800
2	Bell avenue	Fox street west		300
8	Broadway	Main	Washington	1150
10	Broadway	Washington	Wall	2054
6	Broadway	Wall	DeWald	2408
6	Broadway	DeWald	Creighton avenue	290
6	Buchanan	Lafayette	Hanna	1310
6	Butler	Clinton	Lafayette	913
8	Butler	Fairfield avenue	Calhoun	1900
8	Bass	Fairfield avenue	Hoagland avenue	650
6	Bowser	Wells	Harrison	350
6	Berry	Crossing Rockhill		27
4	Berry	Clay	Monroe	412
4	Berry	Rockhill	College	240
6	Brackenridge	Calhoun	Griffith	1900
8	Brackenridge	Griffith	Fairfield avenue	117
6	Barr	Columbia	Lewis	2450
6	Barr	Lewis	Holman	745

Size In.	On.	From.	To.	Feet.
6.	Boone	Cherry	Watkins	1810
6.	Boone	Watkins	Cleveland avenue	324
4.	Brandriff	Hoagland avenue	Webster	570
6.	Baker	Calhoun	McClellan	1110
6.	Baker	Fairfield avenue	1st Hydrant east	445
4.	Barthold	High	Third	598
4.	Berry	College west		247
6.	Cherry	Main	Elm	367
6.	College	Wilt	Wall	804
6.	Calhoun	Columbia	Superior	385
8.	Columbia avenue	Lafayette	Tecumseh	3722
4.	Chicago	Union	Jackson	300
6.	Canal	Erie	Liberty	378
12.	Calhoun	Columbia	Brackenridge	2944
8.	Calhoun	Butler	DeWald	397
8.	Calhoun	DeWald	Leith	2192
6.	Calhoun	Leith	Killea	1391
6.	Creighton avenue	Gay	Thomas	1155
6.	Creighton avenue	Calhoun	Broadway	3940
4.	Creighton avekue	Calhoun	Clinton	375
6.	Creighton avenue	Holton avenue	Winter	870
8.	Creighton avenue	Winter	Walton avenue	665
6.	Creighton avenue	Lafayette	Hanna	1315
6.	Cherry	Main	Boone	375
12.	Calhoun	Brackenridge	Dawson	1750
8.	Calhoun	Dawson	Butler	800
8.	Columbia	Clinton	Lafayette	920
6.	Columbia	Harrison	Calhoun	470
12.	Columbia	Clinton	Calhoun	380
24.	Clinton	Eighth	Main	4200
20.	Clinton	Main	Lewis	2000
16.	Clinton	Lewis	Murray	1800
4.	Clinton	DeWald	Williams	751
8.	Clinton	Creighton avenue	Suttenfield	750
6.	Colerick	Fairfield avenue	Hoagland avenue	650

Size In.	On.	From.	To.	Feet.
4	Clay	Main	Berry	480
6	Cass	Fourth	Sixth	700
6	Cass	First	Fourth	1050
6	Cass	First	Railroad Crossing	338
6	Creighton avenue	Gay	Hanna	1090
6	Creighton avenue	Thomas	Holton avenue	460
4	Court	Main	Berry	843
6	College	Jefferson	Wilt	350
6	Cherry	Rockhill	Clay	6650
6	Charles	Hanna	Lafayette	1324
8	Creighton avenue to connect 16-inch line on Walton avenue			24
6	Caroline	Pontiac	Suttenfield	572
3		Columbia avenue	Lake avenue	504
4	College	Wayne	West Berry	391
6	Calhoun	Fourth	Sixth	700
3	Calhoun	Alley at Jail Yard	North	516
6	Columbia avenue	Tecumseh	Crescent	360
6	Crescent	Columbia	Lake	374
6	Clark	North of High		18
6	Cleveland	From Hydrant southwest		123
4	Chicago	Rockhill	Union	364
6	Creighton avenue, east			732
6	Calhoun	Grace	Killea	133
6	Division	Madison	Jefferson	380
6	Douglas avenue	Calhoun	McClellan	1120
6	Dawson	Calhoun	Hoagland avenue	1300
6	DeWald	Lafayette	Hanna	1300
6	DeWald	Broadway	Fairfield avenue	1950
6	DeWald	Hoagland avenue	Fairfield avenue	675
6	DeWald	Webster	Hoagland avenue	588
6	DeWald	Calhoun	Webster	735
6	DeWald	Calhoun	Lafayette	1321
6	Division	Summit	Madison	250
4	Elm	Mechanic	Cherry	756
6	Erie	Francis	Hanover	2530

Size In.	On.	From.	To.	Feet.
6	Eliza	Francis	McCulloch	2590
4	Ewing	Lewis	Brackenridge	650
6	Eliza	Winter	McCulloch	306
6	Edgerton	Winter	Walton	638
8	Fairfield	Butler	Bass	1200
6	Fairfield avenue	Butler	DeWald	430
8	Fairfield avenue	Brackenridge	Lavina	169
6	Fairfield avenue	DeWald	Creighton avenue	319
4	Francis	Lewis	Madison	600
6	Force	Wallace	Creighton	1908
6	Force	Creighton avenue	Pontiac	1410
6	Francis	Wayne	Erie	380
6	Francis	Lewis	Eliza	720
8	Fairfield avenue	Lavina	Hendricks	312
12	Fourth	Clinton	Harrison	780
12	Fourth	Harrison	Calhoun	700
6	Fourth	Wells	Cass	640
8	Fourth	Cass	Harrison	320
6	First	Cass	Wells	330
6	Francis	Lewis	Hayden	366
6	Fulton	Superior	Greeley	353
6	Fourth	Wells	Barthold	1400
6	Fulton	Jefferson	Brackenridge	650
4	Ferguson	Broadway	Miner	415
6	Fox	Creighton avenue	Grace avenue	975
6	Fairfield avenue	Creighton avenue	Pontiac	1300
12	Fairfield avenue	Pontiac	Home avenue	650
8	Fairfield avenue	Home avenue	Organ avenue	1612
4	Fry	Main	Boone	377
4	Fifth	Cass	Harrison	306
4	Fisher	Thomas	Holton	445
6	First	Cass	Harrison	291
6	Fifth	Wall, west		22
6	Force	Pontiac, south		339
6	Gay	Creighton avenue	Pontiac	1410

Size In.	On.	From.	To.	Feet.
6	Gay	Wallace	Creighton avenue	1870
8	Griffith	Jefferson	Brackenridge	689
6	Grant	Washington	Humphrey	305
6	Grant	Smith	Thomas	730
6	Garden	Jefferson	Washington	380
6	Glasgow avenue	Washington	N. to City Limits	455
8	Grand	Calhoun	Webster	700
6	Grant	Berghoff's brewery	Randall	692
4	Greeley	Fulton	Van Buren	740
6	Green	Thomas	Winter	1050
6	Gay	Pontiac	Tenth	1100
6	Garden	Washington	N. to Prop. Line	47
10	Grace avenue	Broadway	Indiana avenue	618
4	Greeley	Jackson	Van Buren	350
3	Guthrie	East of Metz		422
6	Garden	Wall	Taylor	1100
6	Garden	Hydrant south		362
6	Guthrie	Metz	Thompson	657
6	Grand	Webster	Kansas	346
6	Grace	Lafayette	Calhoun	1256
6	Green	Hydrant to connect	Winter	20
6	Glasgow	Washington	Maumee	1328
6	Grant	Maumee	Humphrey	363
8	Hoagland avenue	Bass	Melita	200
4	Hoagland avenue	Dawson	Bass	390
6	Hoagland avenue	DeWald	DeWald	66
12	Holman	Clinton	Calhoun	430
8	Holman	Clinton	Lafayette	850
6	Holman	Lafayette	Hanna	1320
4	Hanna	Lewis	Madison	533
6	Horace	Thomas	Holton avenue	467
6	Harrison	Grand	Dawson	1044
4	Hough	Hanna	Clay	720
8	Harrison	Columbia	Wayne	1160
6	Harrison	Wayne	Jefferson	730

Size In.	On.	From.	To.	Feet.
6.	Harrison	Fourth	Sixth	700
12.	Harrison	Third	Fourth	347
6.	Harrison	Dawson	Williams	425
6.	Harrison	Creighton avenue	Allen	1160
4.	Harrison	Jefferson	Lewis	286
4.	Hugh	Francis	Gay	760
6.	Hendricks	Fairfield avenue	Broadway	863
4.	Harmer	Eliza	Hugh	360
6.	Hayden	McCulloch	Lillie	710
6.	Hanover	Erie	Wayne	280
4.	Harmer	Lewis	Madison	569
6.	High	Barthold west		446
8.	Huffman	From Hydrant west		30
8.	Huffman	Sherman	Wells	2150
8.	Huffman	St. Mary's avenue	Sherman	620
6.	Hanna	Tabor	Pontiac	1000
8.	Hanna	Virginia	Railroad	250
6.	Hanna	Virginia	Creighton avenue	2200
6.	Hanna	Creighton avenue	Tabor	418
6.	High	Wells	Barthold	1350
6.	Harmer	Washington	Jefferson	380
6.	Hoagland	Butler	Duryea	115
6.	Holton avenue	Creighton avenue	Buchanan	767
6.	Hayden	McCulloch	Francis	2585
6.	Huffman	St. Mary's avenue	Franklin	392
8.	Harrison	Columbia	Superior	382
6.	High	54 ft. west of Wefel	Franklin avenue	1352
6.	Huestis avenue	Broadway	Thompson	1200
8.	Home avenue	Broadway	Indiana avenue	900
10.	Home avenue	Indiana avenue	Fairfield avenue	1300
6.	Hoagland avenue	Creighton avenue	Pontiac	1300
2.	Hoagland avenue	Pontiac south		300
6.	Harmer	Erie	Liberty	309
8.	Hanna	Pontiac	Ninth	571
6.	Holton avenue	Creighton avenue	Julia	418

Size In.	On.	From.	To.	Feet.
4..	Hurd.....	Julia	Winter	664
6..	Harmer, to connect with Liberty.....		20 feet 8 inch.	
6..	Holton.....	Buchanan.....	Horace.....	350
6..	Horace.....	Hydrant to connect Holton.....		17
6..	Holton....	Pontiac	Julia.....	1099
6..	Hoagland	Pontiac	Killea.....	708
6..	Hamilton.....	Lafayette	Calhoun.....	1311
6 ..	Hanover.....	Erie, north to hydrant.....		276
6..	Harrison.....	First..	Third.....	690
4..	Harrison.....	Superior.....	St. Mary's River..	468
6..	Jefferson....	Clinton	Division.....	3530
6..	John.....	Wallace.....	Horace	675
6..	John.....	Horace	Creighton ave.....	1200
6..	John.....	Creighton avenue..	Pontiac.....	1410
4..	Jones.....	Nelson to alley east of College.....		478
4..	Jackson	Alley.....	Jefferson.....	215
4..	Jackson	Alley.....	Washington	160
8..	Jefferson.....	Clinton.....	Broadway.....	2930
4..	Jackson	Wilt	North on Jackson..	202
4..	Jackson	Jefferson.....	North on Jackson..	148
4..	Jackson	Pritchard, to hydrant east.....		40
4..	Jackson.....		Chicago	400
6..	Jefferson.....	Broadway	Garden.....	2400
4..	Jackson	West Superior	Greeley.....	256
4..	Jones.....	Rockhill	Alley west	181
4..	Jane.....	Leith	Grace	537
4..	Julia.....	Thomas	Holton.....	445
6..	Killea	Calhoun	Hoagland.....	1341
6..	Kausas	Grant	Melita	319
6..	Lillie	Hayden.....	Lewis.....	1110
8..	Leith	Calhoun	Lafayette.....	1286
16..	Lafayette.....	Murray.....	Tabor	2500
8..	Lafayette.....	Columbia.....	Lewis.....	2560
6..	Lafayette.....	Lewis.....	Holman	700
8..	Lafayette.....	Holman	Murray.....	1060

Size In.	On.	From.	To.	Feet.
4..	Lavina.....	Fairfield avenue....	Broadway	624
12..	Lewis.....	Ohio.....	Walton avenue....	1662
8..	Lewis.....	Calhoun	Clinton	570
12..	Lewis.....	Clinton.....	Lafayette.....	983
6..	Lewis.....	Lafayette.....	Francis.....	1600
6..	Lewis.....	Calhoun	Harrison.....	460
6..	Lewis.....	Francis.....	Harmer.....	418
4..	Lewis.....	Harrison.....	McClellan.....	700
12..	Lewis.....	Harmer.....	Ohio.....	1308
6..	Lasselle.....	Lafayette.....	Hanna.....	1500
16..	Lafayette.....	Tabor	Pontiac.....	950
8..	Lafayette.....	Pontiac.....	Leith	354
4..	Lincoln.....	Broadway.	Indiana avenue....	630
6..	Lafayette.....	Superior.....		120
6..	Liberty	Canal.....	Begue.....	877
6..	Lafayette.....	Leith.....	Grace.....	516
6..	Locust.....	Fairfield avenue....	Pine.....	374
6..	Liberty.....	Begue	Harmer.....	531
12..	Lake.....	Crescent.....	St. Joe Boulevard.	2435
6..	Leith.....		Calhoun	728
6..	Lillie	Creighton.....	Pontiac.....	1547
6..	Lafayette.....	Hydrant.....	Grace.....	22
8..	Main.....	Clinton	Broadway....	2930
6..	Main.....	Broadway.....	Rockhill	3965
6..	Main.....	Clinton.....	Clay.....	1364
8..	Main.....	St. Marys River ...	Cherry.....	464
4..	Main.....	Blow-off west of St. Marys River.....		20
6..	Main.....	Cherry.....	Osage.....	1129
6..	Main.....	West to Rockhill.....		35
8..	Main.....	Rockhill	Edge of St. Marys R	193
8..	Main.....	Edge on west side of St. Marys river to 4-inch blow on Main street.....		200
12..	Submerged in the bed of the St. St. Marys river and connect- ing with two 8-inch lines.....			120
4..	Main.....	Osage.....	Runion.....	1398

Size In.	On.	From.	To.	Feet.
6..	Montgomery.....	Lafayette.....	Hanna.....	1347
6..	Montgomery.....	Lafayette.	Barr.....	404
4..	Monroe.....	Berry.....	Wayne.....	384
8..	Melita	Webster	Hoagland avenue..	589
4..	Melita	Harrison.....	Webster	360
8..	Maumee Road.....	Walton avenue west.....		600
6..	Maumee Road.....	Schick east.....		872
6..	Metz	Wall.....	Taylor.....	1170
6..	Maumee	Schick.....	Division.....	1450
6..	Madison	Barr	Division.....	3100
4..	McClellan.....	Lewis.....	Baker... ..	1030
6..	McCulloch	Eliza	Hayden.....	357
12..	Murray	Clinton.....	Calhoun.....	436
16..	Murray	Clinton.....	Lafayette.....	870
6..	Mechanic.....	Main.....	Elm.....	368
6..	McCulloch.....	Summit.....	Lewis	357
3..	Monroe	Madison.....	Lewis.....	456
6..	Michigan avenue.....	Broadway	Metz	632
6..	Metz.....	Michigan avenue...	Taylor	519
6..	Meridian.....	Archer avenue	Putnam	350
6..	Maple avenue	Broadway.....	Thompson avenue..	1200
6..	Miner	Creighton avenue...	Grace avenue.....	975
6..	Metz.....	Michigan avenue...	Zollars avenue...	385
4..	McLachlan	Leith	Alley s. of Mc- Lachlan	372
6..	Masterson	Lafayette	Calhoun.....	1311
6..	Metz.....	Zollars.....	Guthrie.....	86
6..	Maumee.....	Alliger.....	Glasgow.....	687
8..	Maumee.....	Walton.....	Alliger.....	716
4..	Maud.....	Thomas	Holton	446
6..	Miner	Walnut.....	DeWald	1272
6..	Morrison	Runnion.....	Park.....	352
6..	Marion	Third	High.....	571
6..	Main	Osage	Runnion	1398
6..	Montgomery.....	Boone.....	Hanna	1751

Size In.	On.	From.	To.	Feet.
6..	Nelson.....	Jefferson.....	Wilt	334
6..	Nirdlinger avenue ...	Broadway.....	Metz	1140
6..	Nelson.....	Wilt.....	Jones.....	258
4..	Oak	Division	Ohio	810
4..	Ohio	Summit	Maumee.....	530
6..	Ohio	Lewis.....	Summit	363
6 ..	Oliver.....	Creighton avenue..	Grant avenue.....	1517
6..	Oakley.....	Walnut.....	DeWald	678
6..	Organ	Fairfield avenue....	S. Wayne avenue..	162
6..	Oliver.....	Greighton avenue..	Pontiac.....	1-86
6..	Pearl.....	Harrison	West of Cass.....	756
6..	Pritchard	Broadway.....	Rockhill.....	1200
6..	Putnam	Sherman	Wells.....	2167
16..	Pontiac	Lafayette	Smith.....	2850
6..	Pearl		Ewing.....	125
12..	Pontiac.....			611
6..	Park avenue.....	Broadway.....	Thompson avenue..	1100
4..	Park avenue.....	Broadway.....	Indiana avenue....	685
12..	Pontiac	Hoagland avenue..	Fairfield avenue...	675
6..	Pontiac.....	Lafayette.....	Calhoun	1280
4..	Poplar.....	Hoagland avenue..	Oakley.....	1080
16..	Pontiac.....	Smith	Walton avenue....	2454
6 ..	Pine	Taylor... ..	Locust.....	375
6..	Park.....	Morrison	Cleveland.....	189
4..	Pritchard.....	East to Rockhill		38
6..	Penn.....	Alliger.....	Winch	287
6..	Rockhill	Berry	Washington	740
6..	Rockhill	Berry	Main	410
6..	Reed.....	Creighton avenue ..	Buchanan	784
10..	Ross	2 Station	Superior	572
6..	Reed.....	Creighton avenue ..	Pontiac.....	1550
4..	Rockhill.....	Wilt.....	Pritchard.....	166
4..	Rockhill.....	Pritchard.....	Chicago	428
6..	Runion	Main	Morrison	494
6..	Summit.....	Divison	Ohio	800

Size In.	On.	From.	To.	Feet.
4..	Schick.....	Maumee avenue	Wayne	1040
6..	Superior	Ross.....	Van Buren.....	228
8..	Superior.....	Clinton.....	Harrison.....	850
12..	Superior.....	Harrison.....	Cass	622
8..	Superior	Harrison, west of East side.....		8
6..	Superior	Clinton.....	Barr.....	409
4..	Superior.....	Barr	Woolen Mills.....	286
6..	Samuel	Gay.....	Thomas.....	1068
6..	Smith	Wallace.....	Creighton avenue.....	1860
4..	Suttenfield.....	Calhoun	Clinton.....	391
6..	Smith.....	Creighton avenue	Pontiac.....	1425
6..	Sixth	Cass	Harrison.....	305
6..	Sherman.....	Huffman	Putnam.....	458
12..	St. Mary's avenue	Third.....	Huffman	1290
4..	Stophlet	Broadway.....	Metz	780
12..	St. Mary's avenue	Third.....	Burgess.....	1580
12..	Superior	Webster.....	Ross.....	1380
8..	St. Marys avenue.....	Burgess.....	Nickel Plate R. R.,	190
6..	Suttenfield.....	Lafayette.....	Hanna.....	1315
6..	Scott.....	Broadway.....	Thompson avenue	1200
6..	South Wayne avenue	Creighton avenue	Home avenue.....	1950
4..	St. Martin	Lafayette	Hanna	1323
6..	Smith	Ohio	McCulloch	850
4..	Superior		Lafayette	249
4..	Superior	Van Buren	Jackson	346
6..	Sixth	Calhoun	Cass	300
4..	Second	Harrison	Cass	293
6..	Second	Hydrant west		32
4..	Stophlet	Garden	Nelson	328
4..	Swinney Park	Garden		396
4..	Swinney	Garden	Nelson	349
12..	St. Joe Boulevard	Lake	Columbia avenue	480
6..	Suttenfield	Clinton	Lafayette	902
6..	Taylor	Broadway	Metz	680
12..	Third	Harrison	Sherman	2551

Size In.	On.	From.	To.	Feet.
12.	Third	Sherman	St. Marys avenue	850
5.	Tabor	Calhoun	Clinton	375
6.	Thomas	Samuel	Creighton	818
4.	Thomas	Buchanan	Horace	373
6.	Thomas	Grant	Horace	369
6.	Tabor	Lafayette	Hanna	1320
6.	Taylor	Metz	Eagle	354
6.	Thomas	Creighton avenue	Thomasetta	450
6.	Thomas	Pontiac	Thomasetta	1062
6.	Taylor	Fox	Broadway	967
6.	Thompson	Guthrie	Scott	246
6.	Union	Jefferson	Railroad	1000
8.	Virginia	Lafayette	Hanna	1300
6.	Van Buren	Superior	Main	722
4.	Van Buren	Pritchard	Wilt	338
6.	Wells	First	Putnam	2500
12.	Wells and Cass	First via river	Superior	1153
6.	Wallace	Lafayette	Gay	2400
6.	Wallace	Gay	Smith	351
6.	Washington	Garden	Glasgow	13030
8.	Wayne	Lafayette	Harrison	1770
8.	Wayne	Harrison	Broadway	2100
8.	Wayne	Lafayette	Hanna	1328
6.	Wayne	Hanna	Schick	2800
6.	Wayne	Broadway	College	1940
6.	Williams	Fairfield avenue	Calhoun	1950
6.	Williams	Calhoun	Lafayette	1320
8.	Webster	Grand	Melita	35
4.	Webster	Melita	Williams	1030
4.	Webster	Butler	DeWald	398
4.	Wilt	Broadway	College	1610
4.	Wilt	Union	Nelson	1080
6.	Watkins	Boone	Main	370
8.	Wall	Broadway	Metz	1412
8.	Walton avenue	Lewis	Maumee road	269

Size In.	On.	From.	To.	Feet.
6.	Walnut	Fairfield avenue	Fox	973
6.	Wayne	Schick	Glasgow avenue	2700
6.	Walnut	Fox		350
6.	Webster	Creighton avenue	Tabor	421
6.	Wells	Putnam	Archer	219
4.	Walter	Maumee Road	Washington	375
6.	West Washington	Garden	Fair Ground	193
12.	Webster	Allen	Pontiac	219
6.	Webster	Allen	Tabor	732
16.	Walton avenue	Pontiac	Wayne Trace	3826
12.	Walton avenue	Wayne Trace	Lewis	1626
6.	Wall	Metz	Garden	331
6.	Wayne to connect with College			8
6.	Winter	Creighton avenue	Hurd	385
6.	Winch	Penn	Wabash R. R.	1074
6.	Winter	Hayden	Eliza	373
6.	Winter	Pontiac	Hurd	1162
6.	Wabash avenue	Maumee	Washington street	1352
6.	Wall	Hydrant to connect Garden		20
6.	Winter	Creighton	Green	452
6.	Walnut	Hydrant	Miner	114
6.	Zollars	Metz, west to city limits		391

Summary of Pipe Laid.

24-inch mains.....	Feet,	4,200
20 “ 	“	2,000
16 “ 	“	15,251
12 “ 	“	27,678
10 “ 	“	4,542
8 “ 	“	51,392
6 “ 	“	239,347
4 “ 	“	42,108
3 “ 	“	2,179
2 “ 	“	600
		<hr/>
		389,297

Equal to 73.73 miles. There are also 5,640 feet of 6-inch pipe used for hydrant connections not included in the above table.

List of Valves.

Allen and Calhoun, sw cor..... 6	Barthold and Third, sw cor.... 4
Archer ave. & Meridian, se cor. 6	Berry and College, sw cor..... 4
Archer ave. and Wells, sw cor. 6	Butler and Lafayette, nw cor.. 6
Allen and Lafayette, sw cor ...12	Buchanan and Hanna, nw cor.. 6
Allen and Calhoun. sw cor.....12	Berry, se cor. Clay..... 4
Allen and Calhoun, se cor.....12	Berry and Rockhill, se cor. ... 6
Allen and Webster, se cor.....12	Bass and Fairfield ave., sw cor. 8
Alley running to Jail from N.	Brackenridge & Calhoun,sw cor 6
Barr and Columbia, sw cor..... 6	Brackenridge & Griffith,nw cor. 8
Barr and Berry, nw cor..... 6	Buchanan and Thomas, se cor.. 6
Barr and Wayne, nw cor..... 6	Bell and Fox, sw cor..... 2
Barr and Wayne, sw cor..... 6	Broadway and Home ave,ne cor 8
Barr and Jefferson, ne cor 6	Broadway and Grace ave, ne cor 8
Barr and Jefferson, se cor..... 6	Broadway & Creighton, se cor.. 6
Barr and Lewis, se cor..... 6	Barthold and Third, nw cor.... 6
Barr and Holman, ne cor 6	Baker and Fairfield, se cor..... 6
Baker and Calhoun, sw cor 6	Creighton and Hanna, sw cor.. 6
Baker and McClellan, ne cor... 6	Creighton & Holton aves,se cor. 6
Baker and McClellan, nw cor.. 4	Creighton and Winter, se cor... 8
Boone and Osage, se cor..... 6	Creighton & Walton aves,sw cor 8
Boone and Osage, sw cor..... 6	Creighton and Calhoun, se cor. 4
Boone and Watkins, sw cor.... 6	Creighton and Calhoun, nw cor. 6
Broadway and Jefferson, se cor.10	Creighton and Clinton, sw cor.. 4
Broadway and Noll, nw cor....10	Creighton and Fairfield, ne cor. 6
Broadway & Washington,ne cor 8	Creighton and Fairfield, nw cor. 6
Broadway and Taylor, se cor... 6	Creighton & Broadway, ne cor. 6
Broadway and DeWald, ne cor. 6	Columbia and Lafayette, se cor 8
Broadway and DeWald, se cor.. 6	Columbia and St. Joe Rd, se cor 8
Butler and Fairfield ave., cor... 8	Columbia ave & Dearborn,se cor 8
Butler and Calhoun, nw cor.... 8	Columbia ave. and Tecumseh,
Barthold and High, nw cor..... 4	se cor..... 8

Caroline and Pontiac, nw cor..	6	DeWald and Calhoun, ne cor... 6	
Cherry and Main, se cor.....	6	DeWald and Webster, se cor....	6
College and Wilt, se cor.....	6	DeWald and Calhoun, sw cor... 6	
College and Wall, ne cor.....	6	DeWald and Lafayette, nw cor. 6	
Columbia and Calhoun, sw cor. 6		Douglas ave & Calhoun, sw cor. 4	
Calhoun and Columbia, ne cor.. 6		Douglas ave & McClellan, se cor 6	
Caroline and Snttenfield, sw cor 6		Duryea & Fairfield ave, nw cor. 8	
Clinton and Duck Alley.....	24	Duryea & Hoagland ave, nw cor 4	
Clinton and Jefferson, se cor... 6		Erie and Francis, se cor..... 6	
Clinton and Holman, cor.....	12	Erie and Coombs, sw cor..... 6	
Clinton and Holman, cor.....	16	Erie and Coombs, se cor..... 6	
Clinton and DeWald, nw cor... 4		Erie and Hanover, sw cor..... 6	
Clinton and Williams, sw cor... 4		Eliza and Francis, ne cor..... 6	
Cherry and Main, ne cor..... 6		Eliza and Chute, nw cor..... 6	
Colerick & Fairfield ave, sw cor. 8		Eliza and Chute, ne cor 6	
Clinton and Murray, sw cor....	12	Eliza and McCulloch, nw cor... 6	
Columbia and Barr, se cor..... 6		Elm and Mechanic, se cor..... 4	
Charles and Hanna, sw cor..... 6		Elm and Cherry, sw cor..... 4	
Charles and Lafayette, ne cor.. 6		Edgerton and Walton, sw cor.. 6	
Columbia and Clinton, sw cor..	12	Elizabeth and Barr, se cor.... 6	
Columbia and Clinton, sw cor.. 8		Ewing and Jefferson, se cor.... 6	
Court and Main, se cor 6		Eliza and McCulloch, ne cor... 6	
Court and Berry, ne cor..... 4		Fairfield and Pontiac, sw cor.. 6	
Creighton and Thomas, ne cor. 4		Fairfield and Creighton avenue,	
Creighton and Lafayette, se cor 6		sw cor.....	6
Calhoun st. on prop. line of W.		Fox and Home avenue, nw cor. 6	
Calhoun street.....	3	Fox and Grace ave, sw cor.... 6	
Creighton and Lafayette, sw cor 6		Fairfield and Organ ave, nw	
Cass and Second, se cor..... 4		cor.....	8
Clark and Wells, nw cor..... 6		Fairfield and Home ave, sw cor 8	
Cleveland and Park, ne cor.... 6		Fox and Creighton, sw cor.... 6	
Dawson and Calhoun. sw cor... 6		Fairfield and Home, nw cor....	12
DeWald & Fairfield ave, se cor. 6		Ferguson and Broadway, se cor 4	
DeWald and Lafayette, ne cor. 6		Fourth and Wells, nw cor..... 6	
DeWald and Fox, ne cor. 6		Fourth and Barthold, ne cor... 6	
DeWald and Fairfield, nw cor.. 6		Fulton and Superior, sw cor... 6	

Fry and Main, nw cor	4	Garden and Nirdlinger, se cor. .	4
Fisher and Thomas, se cor	4	Grace and Calhoun, ne cor	6
Fisher and Holton, sw cor	4	Grace and Lafayette, nw cor . . .	6
Force and Pontiac, sw cor	6	Grace and Jane, nw cor	4
First and Cass, ne cor	6	Grant and Maumee, ne cor	6
Filter Basin, se bank	24	Grant and Washington, se cor. .	6
First and Cass, se cor	6	Glasgow and Maumee, nw cor. .	6
Fairfield and DeWald, sw cor. .	6	Glasgow & Washington, sw cor.	6
Force and Wallace, sw cor	6	Guthrie and Metz, ne cor	3
Force and Creighton, nw cor . . .	6	Guthrie and Metz. nw cor	6
Force and Creighton, sw cor . . .	6	Hanna and Creighton, sw cor. .	8
Force and Pontiac, nw cor	6	Hanna and Virginia, nw cor . . .	6
Fourth and Clinton, nw cor	12	Hanna and Virginia, sw cor . . .	8
Fourth and Wells, se cor	6	Hanna and Wallace, sw cor . . .	6
Fox and Taylor, se cor	6	Hanna and Lasselle, nw cor . . .	6
Francis and Wayne, ne cor	6	Hanna and DeWald, sw cor	6
Francis and Lewis, sw cor	6	Hanna and Hough, nw cor	4
Gay and Creighton, sw cor	6	Hanna and Pontiac, nw cor	6
Gay and Pontiac, nw cor	6	Harrison and Dawson, nw cor. .	6
Gay and Wallace, ne cor	6	Harrison and Grand, sw cor . . .	6
Gay and Creighton, ne cor	6	Harrison and Wayne, ne cor . . .	8
Grant and Washington, se cor.	8	Harrison and Creighton, se cor	6
Grant and Calhoun, s w cor	8	Harrison and Allen, ne cor	6
Grant and Smith, ne cor	6	Harrison and Williams, nw cor	6
Griffith and Jefferson, se cor . . .	6	Harrison and Fourth, ne cor . . .	12
Greeley and Van Buren, ne cor	4	Harrison and Jefferson, sw cor	4
Greely and Fulton, sw cor	4	Harrison and Lewis, nw cor. .	4
Grace and Indiana ave, nw cor.	10	Hayden and McCulloch, ne cor.	6
Grace and Broadway, ne cor . . .	10	Hayden and Lillie, nw cor	6
Green and Holton ave, ne cor. .	6	Hanover and Wayne, nw cor . . .	6
Gay and Pontiac, sw cor	6	Harmer and Madison, se cor . . .	4
Green and Thomas, ne cor	6	Harmer and Lewis, ne cor	4
Greeley and Van Buren, sw cor	4	Harmer and Eliza, ne cor	4
Garden and Wall, ne cor	6	Hugh and Francis, ne cor	4
Garden and Taylor, ne cor	6	Huffman and Sherman, ne cor.	8
Garden and Stophlet, se cor . . .	4	Huffman and Hensch, nw cor. .	8

Huffman and Wells, nw cor.... 8	Holton and Buchanan,sw cor... 4
Huffman and Sherman, nw cor 8	Holton and Buchanan, nw cor.. 6
Hendricks and Fairfield, nw cor 6	Hamilton and Calhoun, se cor.. 6
Hendricks and Short, ne cor... 6	Hamilton and Lafayette, sw cor 6
High and Barthold, nw cor.... 6	Harrison and Third, sw cor.... 6
High and Wells, nw cor..... 6	Harrison and Second,sw cor.... 4
Hoagland and Dawson, nw cor. 4	Jefferson and Garden, ne cor... 6
Horace and Thomas, se cor.... 6	Jefferson and Clinton,sw cor....20
Hoagland and Bass, sw cor.... 4	Jefferson and Harmer, se cor... 6
Holman and Lafayette, cor.... 6	Jefferson and Harmer,sw cor... 6
Hoagland and Butler, sw cor... 6	Jefferson and Jackson, nw cor. 4
Hayden and McCulloch, nw cor 6	Jefferson and Lafayette, se cor. 6
Holton and Creighton, nw cor.. 6	Jefferson and Lafayette,sw cor. 6
Hayden and Francis, ne cor... 6	Jones and College, nw cor..... 4
Hayden and Chute, nw cor..... 6	Jones and College, ne cor..... 4
Hayden and Chute, ne cor..... 6	Jackson and Jefferson, sw cor.. 4
Huffman and St. Marys,nw cor 6	Jackson & Washington, nw cor. 4
Harrison and Columbia, ne cor. 8	Jackson and Chicago, ne cor... 4
Hoagland and Pontiac, nw cor. 6	Julia and Thomas, se cor..... 4
Hoagland and Pontiac, sw cor. 6	Julia and Holton, sw cor..... 4
Hoagland and Pontiac, sw cor. 2	Jefferson and Clinton, se cor... 8
Home ave and Fox, nw cor ....10	Jefferson and Clinton, sw cor.. 8
Home and Fairfield ave, nw cor.10	Jefferson and Calhoun, sw cor.. 8
Home ave and Broadway,ne cor.10	Jefferson and Broadway,ne cor. 8
Huestis and Thompson, se cor.. 6	Jefferson and Ewing, ne cor... 8
Huestis and Broadway,sw cor.. 6	John and Creighton ave..... 6
High and St. Marys ave,ne cor. 6	John and Wallace, se cor..... 6
High and St. Marys ave,nw cor. 6	John and Creighton ave, sw cor 6
Holton and Pontiac, nw cor.... 6	John and Pontiac, nw cor..... 6
Hayden and Walton, nw cor.... 6	Jefferson and Broadway,nw cor 6
Hugh and Walton, se cor 6	Killea and Calhoun, nw cor.... 6
Harmer and Erie, ne cor..... 6	Kill a and Hoagland, ne cor.... 6
Hanna and Pontiac, sw cor. .. 8	Lafayette, at alley between Ta-
Hurd and Winter, sw cor 4	bor and Creighton ave.....16
Hurd and Holton, se cor 4	Lavina and Broadway, ne cor.. 4
Holton and Creighton, sw cor.. 6	Lavina and Fairfield, sw cor... 4

Lafayette and Buchanan..... 6	Maumee ave and Schick, ne cor 6
Lafayette and Murray, nw cor. 8	Madison and Francis, se cor... 6
Lafayette and Lewis, ne cor... 8	Madison and Francis, sw cor.. 6
Lafayette and Jefferson, nw cor 8	Madison and Lafayette, se cor. 6
Lafayette and Wayne, sw cor.. 8	Main and Clinton, sw cor.....20
Lasselle and Lafayette, ne cor. 6	Main, n side, w of river, blow-off 4
Lasselle and Hanna, nw cor... 6	Main and Osage, se cor..... 6
Lewis and McClellan, sw cor... 4	Main, se cor Rockhill..... 6
Lewis and Ewing, se cor..... 4	Main and Clinton, se cor.....20
Lewis and Clinton, sw cor.....12	Main and Lafayette, sw cor.... 6
Lewis and Lafayette, cor.....12	Main and Lafayette, se cor.... 6
Lewis and Francis, ne cor..... 6	McClellan and Brackenridge... 6
Lewis and Harmer, ne cor.....12	M'tng'm'y and Lafayette, se cor 6
Lewis and Ohio, nw cor.....12	Montgomery and Hanna, sw cor 6
Lewis and McCulloch, nw cor..12	Monroe, sw cor Wayne..... 4
Lewis and Holton ave, nw cor..12	Murray and Lafayette, cor.....16
Leith and Calhoun, se cor 8	McCulloch and Hayden, ne cor. 6
Lillie and Hayden, nw cor..... 6	Metz and Taylor, nw cor..... 6
Lillie and Lewis, sw cor..... 6	Melita and Webster, se cor..... 4
Lincoln and Ind. ave, nw cor... 4	Miner and Grace ave, nw cor... 6
Lincoln and Broadway, ne cor. 4	Miner and Creighton, sw cor... 6
Lafayette and Tabor, sw cor...16	Meridian and Putnam, nw cor.. 6
Lafayette and Pontiac, ne cor. 8	Maple and Thompson, sw cor... 6
Lillie and Pontiac, nw cor.... 6	Maple and Broadway, sw cor... 6
Lantenier and Walton, sw cor.. 6	Michigan & Broadway, sw cor.. 6
Liberty and Canal, nw cor..... 6	Monroe and Lewis, se cor 3
Locust and Fairfield, nw cor... 6	Monroe and Madison, se cor.... 3
Lillie and Creighton, se cor.... 6	Metz and Taylor, se cor..... 6
Leith and Jane, sw cor..... 4	McCulloch and Lewis, ne cor... 6
Leith and McLachlan, sw cor.. 4	Mechanic and Main, se cor..... 6
Leith and Calhoun, sw cor..... 4	Metz and Michigan, se cor..... 6
Lake and Columbia ave, ne cor.12	Maumee and Walton, se cor.... 8
Lake and St. Joe Boul, se cor..12	Maumee and Alliger, se cor.... 6
Lake and Dearborn, sw cor....12	Maumee and Alliger, sw cor.... 6
Lake and Crescent, sw cor.....12	Maud and Holton, sw cor..... 4
Maumee and Walton, sw cor... 8	Miner and Walnut, ne cor..... 6

Miner and DeWald, ne cor..... 6	Poplar and Fairfield, ne cor.... 4
Morrison and Runnion, ne cor.. 6	Poplar and Fairfield, nw cor... 4
Main and Cherry, sw cor..... 6	Pontiac and Calhoun, se cor.... 6
Main and L. E. & W. Ry, se cor. 6	Pontiac and Lafayette, sw cor. 6
Main and Runnion, nw cor.... 6	Putnam and Wells, sw cor..... 6
Marion and High, nw cor 6	Pritchard & Broadway, nw cor. 4
Marion and Third, sw cor..... 6	Pontiac and Hoagland, sw cor.12
Masterson & Lafayette, sw cor. 6	Pontiac and Thomas, nw cor...16
Masterson and Calhoun, se cor.. 6	Pontiac and Walton, nw cor....16
Maud and Thomas, se cor..... 4	Pine and Taylor, nw cor..... 6
Montgomery & Lafay'te,sw cor. 6	Park & Thompson aves, ne cor. 6
Nirdlinger & Broadway, sw cor. 6	Park and Indiana aves, nw cor. 4
Nirdlinger and Metz, se cor.... 6	Park ave and Broadway, ne cor 4
Nelson and Jefferson, sw cor.... 6	Park ave and Broadway,nw cor 6
Nelson and Wilt, se cor 6	Pontiac and Hoagland, sw cor. 6
On the Reservoir.....16	Rockhill, sw cor Main..... 6
Oliver and Pontiac, nw cor.... 6	Reed and Creighton ave, nw cor 6
Ohio and Summit, sw cor..... 6	Reed and Buchanan, sw cor.... 6
Oliver & Creighton ave, nw cor 6	Reed and Pontiac, nw cor 6
Oliver and Buchanan, sw cor... 6	Ross and McCulloch, prop line
Oliver and Buchanan, nw cor.. 6	near gate.....10
Oliver and Grant, sw cor..... 6	Rockhill and Wilt, se cor..... 4
Oak and Division, se cor..... 4	Rockhill and Chicago, nw cor.. 4
Oak and Ohio, sw cor..... 4	Rockhill and Jones, nw cor.... 4
On Broadway between Nirdlin-	Reed and Creighton, se cor.... 6
ger ave. and Wall..... 6	Samuel and Gay, se cor..... 6
Oakley and Walnut, sw cor,... 6	Smith & Creighton ave, nw cor. 6
Oakley and DeWald, nw cor.... 6	Smith and Buchanan, sw cor... 6
Organ and Fairfield, nw cor.... 6	Smith and Buchanan, nw cor.. 6
Oliver and Creighton, sw cor... 6	Smith and Grant, sw cor..... 6
Pearl and Harrison, nw cor.... 6	Smith and Creighton ave,sw cor 6
Pritchard and Jackson, se cor.. 6	Smith and Pontiac, nw cor.... 6
Putnam and Sherman, se cor.. 6	Sherman and Huffman, nw cor. 6
Pontiac and Lafayette, ne cor..16	Schick and Washington, ne cor. 4
Pontiac and Hanna, nw cor....16	Schick and Washington, se cor. 4
Poplar and Oakley,ne cor..... 4	St. Joe Well.....20

St. Mary's and Third, ne cor..12	Taylor and Metz, se cor..... 6
Stophlet and Broadway, sw cor. 4	Taylor and Broadway, nw cor.. 6
Stophlet and Metz, se cor..... 4	Third and Wells, ne cor .....12
Superior and Clinton, sw cor.. 8	Third and Wells, nw cor.....12
Superior, se cor Clinton..... 6	Third and Barthold, ne cor.....12
Superior and Harrison, sw cor.12	Third & St. Marys ave, ne cor..12
Samuel and Thomas, sw cor.... 6	Thomas and Buchanan, nw cor. 6
Superior and Webster, sw cor..12	Thomas and Pontiac, nw cor... 6
Superior and Griffith, sw cor..12	Tabor and Lafayette, ne cor.... 6
Superior and Van Buren, se cor 6	Tabor and Hanna, nw cor..... 6
Suttenfield and Calhoun, se cor 4	Thomas & Creighton ave,sw cor 6
Suttenfield and Clinton, sw cor 4	Thompson and Scott, ne cor.... 6
South Wayne and Creighton ave, ne cor..... 6	Union and Jefferson, sw cor..... 6
St. Mary's ave & Third,sw cor..12	Union and Wilt, sw cor 6
St. Marys ave & High, ne cor..12	Union and Pritchard, sw cor... 6
St. Marys ave & Burgess, ne cor12	Virginia and Lafayette, ne cor. 8
St. Marys ave & Burgess, se cor 8	Virginia and Hanna, sw cor.... 8
Suttenfield & Lafayette, ne cor. 6	VanBuren and Main, ne cor..... 6
Suttenfield & Hanna, nw cor.... 6	VanBuren & Pritchard, ne cor.. 4
Scott ave and Thompson, se cor 6	VanBuren & Wilt, se cor..... 4
Scott ave and Broadway, sw cor 6	Washington & Rockhill, sw cor. 6
St. Martin & Lafayette, ne cor. 4	Washington & Broadway,sw cor 6
St. Martin and Hanna, nw cor.. 4	Washington & Broadway, se cor 6
Summit and McCulloch, sw cor. 6	Washington & Harrison, sw cor 6
Summit and Ohio, se cor..... 6	Washington & Calhoun, sw cor. 6
Simon and Welton, sw cor..... 6	Washington & Clinton, sw cor... 6
Selden and Walton, sw cor..... 6	Wayne and Clinton, se cor..... 8
Superior and VanBuren, sw cor 6	Wayne and Lafayette, sw cor.. 8
Superior and VanBuren, sw cor 4	Wayne and Lafayette, se cor... 8
Suttenfield & Lafayette, nw cor 6	Wayne and Hanna, se cor 6
Suttenfield and Clinton, se cor.. 6	Wayne and Comparet, sw cor.. 6
Tabor and Clinton, sw cor..... 4	Wayne and Clinton, sw cor..... 8
Tabor and Calhoun, se cor. 4	Wayne and Harrison, sw cor... 8
Taylor & Fairfield ave, sw cor.. 6	Wayne and Calhoun, sw cor.... 8
Taylor & Fairfield ave, sw cor.. 6	Wayne and Broadway, se cor... 8
	Wall and Broadway, sw cor.... 8

Wall and Metz, se cor..... 8	Williams and Calhoun, ne cor.. 6
Walnut & Fairfield ave, nw cor 6	Williams and Calhoun, sw cor. 6
Watkins and Main, ne cor..... 6	Wilt and Broadway, sw cor.... 4
Wallace and Hanna, cor..... 6	Wilt and Union 4
Wallace and Gay, se cor..... 6	Wilt and Jackson, nw cor..... 4
Washington & Clinton, sw cor.. 6	Webster and Creighton, se cor. 6
Washington & Hanna, se cor... 6	Walter and Maumee, ne cor.... 4
Washington & Lafayette,sw cor 6	Walter and Washington, se cor 4
Washington & Comparet, sw cor 6	Warsaw and Pontiac, nw cor.. 6
Washington and Schick, sw cor 6	Winter and Pontiac, nw cor.... 6
Wayne and Schick, se cor..... 6	Walton and Pontiac, nw cor...16
Wayne and Walton ave, sw cor 6	Walton and Creighton, se cor..16
Wayne and Walton ave, se cor.. 6	Walton and Wayne Trace,se cor.16
Wayne and Glasgow, sw cor... 6	Walton and Wayne Trace,ne cor.12
Wayne and Broadway, sw cor.. 6	Walton and Eliza, ne cor.....12
Webster and Williams, nw cor. 4	Walton and Lewis, se cor.....12
Webster and Dawson, nw cor.. 4	Wall and Metz, sw cor..... 6
Webster and Melita, sw cor.... 4	Winter and Creighton, sw cor.. 6
Webster, sw cor Butler ... 4	Winter and Creighton, se cor.. 6
Webster and Grand, se cor..... 8	Wells and Second, nw cor..... 6
Webster and Jefferson, sw cor. 6	Wabash and Maumee, nw cor.. 6
Webster, north side Superior..12	Wabash & Washington, sw cor. 6
Wells and Fourth, nw corner.. 6	Winch and Penn, sw cor..... 6
Wells and Huffman, sw cor.... 6	Winter and Hayden, nw cor.... 6
Wells and First, nw cor..... 6	Winter and Edgerton, se cor... 6
Wells, north St. Marys bridge.12	Winter and Creighton, nw cor.. 6
Williams and Fairfield ave.... 6	Zollars and Metz, sw cor.. 6
Williams and Lafayette, nw cor 6	

Summary of Valves Set.

2-inch.....	2
3 “	3
4 “	97
6 “	340
8 “	60
10 “	8
12 “	47
16 “	12
20 “	5
24 “	3
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Total	577

Seven 6-inch valves taken out in 1887 and two 6-inch valves in 1889,
 one 6-inch valve in 1892, and one 8-inch valve in 1892..... 11

Total.....566

Valves Taken Out in 1886.

Calhoun and Lewis, southwest corner.....	Size, 6-inch
Calhoun and Lewis, northwest corner.....	“ 6-inch
Calhoun and Main, southwest corner.....	“ 6-inch
Calhoun and Wayne, southeast corner	“ 6-inch
Calhoun and Wayne, northeast corner.....	“ 6-inch
Calhoun and Columbia, southeast corner.....	“ 6-inch
Columbia and Clinton, southwest corner.....	“ 6-inch

Valves Taken Out in 1889.

Broadway and Jefferson, southeast corner.....	Size, 6-inch
Broadway and Noll, northwest corner.....	“ 6-inch

Valves Taken Out in 1892.

Lewis and Clinton.....	Size, 8-inch
Lewis and Lafayette.....	“ 6-inch

Total	11
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List of Hydrants.

POST HYDRANTS.

[NOTE—*M* stands for *Matthews*, *L* for *Ludlow*, *H* for *Holty*, *B* for *Bourbon*.]

Archer ave and Koch, se cor....B	Broadway, s of R R,w side .....M
Archer ave and Short, se cor....“	Broadway, n of Wabash R R...L
Archer ave and Hensch, se cor..“	Boone and Center, se cor.....B
Archer ave and Meridian, se cor.“	Boone and Mechanic, se cor.....“
Buchanan and Lafayette, be-	Boone and Osage, se cor.....“
tween Hanna and Lafayette...L	Boone and Fry, se cor.....M
Butler and Fairfield ave, ne cor.“	Boone and Watkins, se cor.....“
Butler and Hoagland ave, ne cor.M	Barr and Lewis, se cor.....“
Butler and Calhoun, nw cor....“	Barr and Montgomery, ne cor..“
Baker and Harrison, se cor.....“	Bowser and Wells, nw cor.....L
Baker and Kansas, se cor.....“	Bowser and Marion, ne cor.....M
Berry and Clay, sw cor.....“	Brackenridge & Harrison,se cor.“
Berry and Lafayette, se cor.....“	Brackenridge & Webster, se cor.“
Berry and Court, ne cor.....“	Brackenridge & Griffith, se cor..“
Berry and Webster, se cor.....“	Buchanan and Warsaw, nw cor.“
Berry and Webster, se cor.....“	Buchanan and Hanna, nw cor..“
Berry and Ewing. se cor.....“	Butler and Clinton, ne cor.....“
Berry and Griffith, se cor.....“	Butler and Barr, ne cor.....“
Berry and Rockhill, se cor.....“	Barthold and Fourth, ne cor...B
Berry and Jackson, se cor.....“	Broadway and Main,se cor.....“
Berry and Broadway, se cor.....“	Baker and Ewing.“
Berry and Fulton, se cor.....“	Broadway, bet Creighton and
Broadway and Creighton, ne cor“	Huestis ave.....M
Broadway and Lavina, ne cor..“	Broadway & Grace ave, se cor..“
Broadway and Noll, ne cor.....“	Broadway and Park ave, ne cor.“
Broadway and Wall. nw cor....“	Buchanan and Holton, sw cor...B
Broadway and Taylor, nw cor..L	Buchanan and Reed, se cor.....“
Broadway and Wilt, e side.....M	Calhoun and Creighton, se cor..M
Broadway and Jefferson, se cor..“	Calhoun and Tabor, se cor.....“

Calhoun and Suttentfield, se cor..M	Cass and Second, ne cor	M
Calhoun and Allen, se cor.....“	Cass & Railway Crossing, ne cor“	
Calhoun and Leith, ne cor	Charles and Monroe, ne cor.....“	
Calhoun and Killea, ne cor.....“	Charles and Clay, ne cor.....“	
Calhoun and Highland, nw cor..“	Columbia ave and Clay, se cor.. B	
Calhoun and Douglas ave,sw cor. “	Columbia ave and Edgewater ave	
Calhoun and Lewis, nw cor.....“	southeast cor.....“	
Calhoun and Jeffersor, se cor....“	Columbia ave and Old Fort,se cor“	
Calhoun & Washington,se cor....“	Columbia ave and Loree, se cor..“	
Calhoun and Wayne, se cor	Columbia ave & Dearborn, se cor “	
Calhoun, bet Wayne and Berry	Columbia ave and Oneida, se cor“	
east side.....“	Columbia ave and Tecumseh, se	
Calhoun and Berry, ne cor.....“	cor	
Calhoun, bet Berry and Main,	Columbia, between Clinton and	
east side.....“	Calhoun.....M	
Calhoun and Main, se cor.....“	Clinton and Murray, sw cor.....L	
Calhoun, bet Main and Columbia	Clinton and Creighton, sw cor...B	
east side.....“	Clinton and Suttentfield, nw cor..“	
Columbia, bet Clinton and Cal-	Cleveland and Park aves.....“	
houn, south side	Clinton, at P. Ft. W. & C. R. R.M	
Cass and Fifth, ne cor.....“	Creighton ave and Force, ne cor.L	
Cass and Sixth, se cor	Creighton and Smith ave, ne corM	
Columbia and Calhoun, s side...“	Creighton ave & Oliver, ne cor..“	
Creighton and Holton avs,sw cor“	Creighton and Reed, sw cor.... B	
Calhoun and DeWald, nw cor...H	Creighton and Winter, sw cor... “	
Columbia and Lafayette, sw cor.M	Creighton ave and Lillie, sw cor.“	
Creighton ave and Walton,sw cor B	Clark and High, nw cor.....M	
Creighton and Webster,nw cor..“	Crescent & Columbia ave, nw cor.“	
Creighton, opposite Oakley.....“	Creighton and Barr, se cor.....“	
Creighton and Fox, nw cor.....“	Cottage and Indiana, ne cor.....“	
Creighton and Miner, nw cor...“	Caroline and Pontiac, nw cor....B	
Creighton avenue and Lafayette,	College and Jones, sw cor..... “	
se cor	Canal and Liberty, nw cor..... “	
Creighton ave,bet Lafayette and	Cherry and Elm, ne cor..... “	
Warsaw	Columbia ave., east of Nickel	
Creighton ave and Warsaw,ne cor“	Plate Railroad.....“	

Calhoun and Fifth, sw cor.....M	Fairfield and Organ ave, nw cor.M
Calhoun and Sixth, sw cor... ..“	Fulton and Greeley, nw cor.....B
Douglas ave & Harrison, se cor...“	Fairfield and Home, nw cor ....M
DeWald and Broadway, se cor...L	Fairfield, bet. Creighton and
DeWald and Miner, se cor.....“	Pontiac..... “
DeWald and Fox, se cor.....“	Fairfield bet Home & Packard..“
DeWald and Oakley, se cor.....“	Fairfield and Packard ave“
DeWald & Fairfield ave, sw cor..“	Fox, bet Creighton & Grace. ...“
DeWald and Warsaw, ne cor“	Fox, bet Grace & Home ave.....“
DeWald and Lafayette, ne cor...“	Fairfield ave & Pontiac, sw cor..“
DeWald and Harrison, sw cor...M	Fairfield and Creighton, nw cor..“
DeWald and Webster, sw cor....L	Fairfield ave. and Bass, se cor..“
DeWald and Clinton, ne cor.....M	Fairfield ave, nw cor Taylor....“
DeWald and Barr, ne cor.....“	Force, 4 hydrants have been set
Division and Madison, ne cor....L	on said street, between Wallace
Dawson and Harrison, sw cor...M	and Creighton ave..... “
Dawson and Calhoun, sw cor....“	Fourth and Harrison, se cor.....“
Dawson & Hoagland ave, sw cor..“	Fourth and Cass, sw cor.....“
Duryea, between Hoagland and	Fourth and Wells, sw cor.....“
Fairfield ave .....B	Force, opp Tabor, on w side.....B
Erie and Harmer, sw cor.....“	Gay and Wallace, se cor .....M
Erie and Begue, sw cor.....“	Gay and Grant, se cor.. ....L
Erie and Coombs, sw cor.....“	Gay and Green, se cor.....“
Erie and Canal, sw cor.....“	Gay and Horace, se cor.....“
Erie and Hanover, sw cor.....“	Gay and Samuel, se cor.....“
Eliza and Francis, ne cor“	Gay and Creighton ave, ne cor..“
Eliza and Harmer, se cor.....“	Gay and Thomasette, nw cor...B
Eliza and Division, ne cor.....“	Gay and Emily, nw cor.....“
Eliza and Chute, ne cor..... “	Gay and Pontiac, nw cor.....“
Eliza and Ohio, ne cor.....“	Grand and Harrison, se cor ....M
Eliza and Cedar, ne cor.....“	Grand and Webster, se cor.....“
Eliza and McCulloch, nw cor....“	Grant and Oliver, nw cor.....“
Elm and Center, se cor.....“	Green and Holton ave, nw cor...B
Edgerton and Walton, sw cor...M	Green and Winter, nw cor.....“
Force opp Sutfenfeld, w side...B	Green, bet. Fulton & VanBuren..“
Force and Pontiac, nw cor.....“	Grant ave and Randall, ne cor...“

Grant and Humphrey, se cor....B	Hoagland, bet Creighton ave
Garden street, ne cor.....M	and Pontiac.....M
Guthrie bet Metz & Thompson..“	Home,bet Indiana & Broadway..“
Garden and Swinney, se cor....“	Holton and Pontiac, nw cor....“
Garden and Stophlet, se cor....“	Hayden and Walton, nw cor....“
Grace and McLaughlin, ne cor..“	Hugh and Walton, se cor.....“
Grace and Jane, ne cor.....“	Hanna and Laselle, sw cor .....L
Glasgow,bet Humphrey & Ran-	Hanna & St. Martin, nw cor“
dall.....“	Hanna and Creighton, nw cor....“
Glasgow and Maumee, nw cor ..“	Hanna and Tabor, nw cor.....M
Harrison and Tabor, ne cor.....B	Holman & Lafayette, nw cor....“
Harrison & Suttentfield, ne cor..“	Hanna and Virginia, nw cor....“
Harrison and Allen, ne cor.....“	Hanna & Suttentfield, nw cor....B
Harrison and Sixth, se cor.....M	Hanna and Pontiac, nw cor.....“
Harrison and Melita, sw cor....“	High and Wefel, ne cor.....“
Harrison & Highland, sw cor....“	Hoagland,in front of Creighton..“
Horace and Holton ave, sw cor..“	Harrison and Third, ne cor.....M
High and Orchard, ne cor.....“	Hayden and McCulloch, ne cor...B
High and Barthold, ne cor.....“	Hayden and Lillie, nw cor.“
Hoagland ave, sw cor DeWald...L	Huffman and Koch, ne cor“
Holman and Monroe, se cor.....M	Huffman and Short, ne cor.....“
Holman and Clay, se cor.....“	Huffman and Hensch, ne cor....“
Holman and Barr, ne cor.....“	Huffman and Meridian, se cor....“
Holman and Clinton, ne cor....“	Huffman and St. Marys, ne cor...M
Hanna and Holman.....L	Huffman and Sherman, nw cor ..“
Hanna and Wallace, sw cor .....M	Huffman and Andrews, ne cor...B
High and St. Mary's ave.....B	Hugh, intersection of Francis...“
High and Franklin.....“	Hugh and Harmer, nw cor“
Huffman and Franklin, ne cor..“	Hendricks & Fairfield, nw cor ..M
Hayden and Chute, ne cor.....“	Hendricks & Broadway, ne cor..“
Hayden and Division, ne cor....“	Hayden and Francis, ne cor.....B
Hayden and Harmer, ne cor....“	Hoagland ave & Pontiac, nw cor..M
Hayden and Ohio, ne cor.....“	High and Sherman, ne cor .....B
Home and South Wayne, ne cor..M	High,bet Sherman and St.Mary's
Huestis & Thompson, se cor.....“	ave“
Hayden, bet McCulloch and Ohio.B	Harmer and Liberty, se cor.....M

Hanna and Ninth, nw cor.....M	John and Horace, ne cor.....M
Holton and Julia, sw cor.....“	Bet Jennison and Pontiac.....“
Hamilton and Barr, se cor.....“	Kansas and Grand, sw cor.....“
Hamilton and Clinton, se cor.....“	Killea and Harrison, ne cor.....“
Hoagland and Leith, sw cor.....“	Killea and Webster, nw cor.....“
Holton, bet Fisher and Maud.....“	Killea and Hoagland, ne cor.....“
Harrison and Second, nw cor.....“	Lillie, bet Hayden and Lewis.....B
Harrison & Nickel Plate Ry, sw cor.....“	Lewis and Division, nw cor.....M
Harrison and First, nw cor.....“	Lewis and Chute, nw cor.....“
Indiana and Grace, sw cor.....“	Lewis and Ohio, nw cor.....“
Indiana and Home ave, nw cor.....“	Lewis and Francis, nw cor.....L
John, opp Tabor w side.....B	Lewis and Monroe, se cor.....“
John, opp Suttentfield, w side.....“	Lewis and Clay, se cor.....M
John and Pontiac, nw cor.....“	Lewis and Lafayette, nw cor.....“
John and Buchanan, se cor.....M	Lewis and Clinton, se cor.....“
John bet Buchanan & Creighton.....“	Lewis and Harrison, se cor.....“
John and Creighton ave, nw cor.....“	Lewis and Harmer, nw cor.....“
Jackson and Pritchard, se cor.....“	Lewis and Holton ave, nw cor.....“
Jefferson and Harmer, sw cor.....“	Lewis and Lillie, ne cor.....“
Jefferson and Hanna, se cor.....“	Lewis, bet McCulloch and Lillie.....“
Jefferson and Monroe, se cor.....“	Lewis and Cedar, ne cor.....“
Jefferson and Clay, se cor.....“	Lewis and McCulloch, se cor.....“
Jefferson and Lafayette, se cor.....“	Leith and Jane, se cor.....“
Jefferson and Barr, se cor.....“	Leith and Lafayette, sw cor.....“
Jefferson and Clinton, se cor.....“	Laselle and Lafayette, ne cor.....“
Jefferson and Harrison, se cor.....“	Lillie and Pontiac, nw cor.....“
Jefferson and Webster, se cor.....“	Lanternier and Walton, sw cor.....“
Jefferson and Ewing, ne cor.....“	Liberty and Coombs, ne cor.....“
Jefferson and Griffith, nw cor.....“	Liberty and Begue, ne cor.....“
Jefferson and VanBuren, ne cor.....“	Lafayette and Grace, nw cor.....“
Jefferson and Jackson, ne cor.....“	Locust and Pine, ne cor.....“
Jefferson and Union, sw cor.....“	Lake and Tecumseh, sw cor.....“
Jefferson and Rockhill, se cor.....“	Lake and Crescent, sw cor.....“
Jefferson and College, se cor.....“	Lake and St. Joe Boul, se cor.....“
Jefferson and Nelson, se cor.....“	Lake and Loree, sw cor.....“
Jefferson and Garden, se cor.....“	Lake and Dearborn, sw cor.....“

Lake and Oneida, sw cor	M	Main and Griffith, se cor	L
Lillie, bet Pontiac and Milan....	"	Main and Ewing, se cor	M
Lillie and Milan, sw cor	"	Main and Cass, se cor.....	"
Leith and Harrison, se cor.....	"	Main and Maiden Lane, se cor..	"
Leith and Webster, se cor	"	Main and Barr, se cor	"
Madison and Francis, se cor.....	"	Main and Lafayette, se cor.....	"
Madison and Hanna, se cor.....	"	Main and Clay, sw cor.....	L
Madison and Monroe, se cor.....	"	Main and Cherry, se cor.....	"
Madison and Clay, se cor.....	"	Main and Center, se cor.....	"
Madison & Lafayette, se cor.....	"	Main and Mechanic, se cor.....	"
Maumee Road and Ohio, nw cor..	L	Main and Osage, se cor	"
Maumee Road & Schick, nw cor..	M	Main and Jackson, se cor..	"
Maumee Rd & Comparet, ne cor..	L	Main and VanBuren, se cor ...	M
McClellan and Douglas ave	M	Main, in front of Watkins.....	"
Maumee Rd & McCulloch, ne cor."	"	Madison and Harmer, se cor....	L
Maumee Road, bet McCulloch		Nirdlinger and Metz, se cor.....	B
and Lillie.....	"	Nirdlinger and College, se cor..	"
Maumee Road and Lillie, se cor."	"	Nirdlinger, between College and	
Maumee Road and Walton ave,		Broadway	"
sw cor.....	"	Nirdlinger ave, front of Union	
Michigan and Metz, se cor.....	B	nw cor	L
Maple, between Broadway and		Oak and Chute, sw cor	B
Thompson	M	Ohio and Summit, sw cor	M
Miner and Ferguson, nw cor....	"	Oliver and Horace, sw cor	"
Mechanic and Elm, ne cor.....	B	Oliver and Greene, nw cor.....	"
Maumee and Alliger, sw cor.....	M	Organ and S. Wayne ave, ne cor"	"
Masterson and Clinton, se cor....	"	Oakley and Poplar, nw cor.....	B
Montgomery and Monroe, se cor"	"	Oliver and Pontiac, nw cor	M
Montgomery and Clay, se cor....	"	Oliver and Thomasetta, nw cor..	"
Montgomery & Lafayette, se cor"	"	Oliver and Emily, nw cor.....	"
Main, bet Cleveland & Watkins..	"	Putnam and Sherman, se cor ...	"
Morrison and Runnion, ne cor..	"	Putnam and Meridian, se cor ...	"
Masterson and Barr, se cor	"	Putnam and Hensch, se cor.....	"
Melita and Hoagland ave, se cor."	"	Putnam and Short, se cor.....	"
Main and Edsall, se cor.....	"	Putnam and Koch, sw cor	"
Main and Fulton, se cor	"	Pritchard and Jackson, se cor....	"

Pearl and Ewing, ne cor... ..B	Superior and Van Buren, se cor.M
Pontiac, bet Hoagland&WebsterM	Superior and Fulton, se cor....“
Park & Thompson aves,ne cor .“	Superior and Van Buren, se cor.“
Pontiac and Clinton, se cor.....B	Superior and Webster, se cor...L
Pontiac and Barr, se cor.....“	Superior and Ewing, se cor.....“
Pontiac and Lafayette, sw cor..“	Superior and Griffith, se cor....“
Pontiac and Walton, nw cor....M	Superior and Barr, sw cor.....“
Reed and Green, nw cor..... B	Samuel and Smith, se cor.“
Reed and Pontiac, nw cor.....M	Samuel and Oliver, sw cor.....“
Rockhill and Chicago, nw cor...“	Stophlet and Metz, se cor .....B
Runnion and Main, nw cor.....“	St. Mary's ave & Spring, ne cor..“
Rockhill and Pritchard, sw cor..“	Smith and Thomasstte, nw cor..“
St. Mary's and Aboit, ne cor....B	Smith and Emily, nw cor.....“
St. Mary's ave and Third, ne cor“	Smith and Pontiac, ne cor“
St. Martin and Warsaw, ne cor..“	Summit and Chute, ne cor.....L
Summit and Cedar, nw cor.....“	Smith and Horace, nw cor.....M
Summit and McCulloch, nw cor..“	Smith and Grant, nw cor.....“
St. Mary's, bet Third and High..“	Superior and Fulton, se cor....“
St. Mary's ave and Polk, se cor..“	Superior and Clinton, nw cor...“
St. Mary's and Burgess, se cor...“	Superior and Calhoun, se cor....“
St. Mary's and Beck, se cor.....“	Superior and Harrison, se cor...“
St. Mary's ave and Nickel Plate	Suttenfield and Barr, se cor....“
R. R., ne cor.....“	Taylor and Metz, se cor..... B
Suttenfield and Warsaw; nw cor.“	Taylor and Oakley, se cor.... .“
Suttenfield and Caroline.....“	Taylor and Fox, se cor.....“
Suttenfield & Lafayette, ne cor..“	Taylor, bet Broadway & Metz ...“
South Wayne ave, bet Home and	Third and Cass, ne cor.....M
Vermilla .....M	Third, in front of Marion.....“
South Wayne ave, bet Crescent	Third,bet Orchard & Barthold..“
and Pierce.....“	Third and Orchard, nw cor.....“
Scott ave, between Broadway	Third and Barthold, nw cor....“
and Thompson..... .“	Third and Sherman, ne cor.....“
Selden and Walton, sw cor.....“	Third and Oakland, se cor.....“
Superior, se cor“	Third and Wells, sw cor.....“
Superior, between Fulton and	Thomas and Grant, sw cor.....“
Van Buren, se cor.“	Thomas and Horace, sw cor....“

Thomas and Green, nw cor.....H	Williams and Calhoun, sw cor..M
Thomas and Creighton, nw cor..“	Williams and Barr, ne cor.....“
Thomas & Thomasette, nw cor..B	Williams and Clinton, ne cor...“
Taylor and Eagle, se cor.....“	Wilt and Nelson, w side.....H
Tabor, bet Warsaw and Hanna.“	Walnut and Fox, se cor.....M
Tabor and Lafayette ne cor....“	Wallace and Lafayette, se cor..“
Tabor, bet Lafayette & Warsaw.“	Wallace and Monroe, ne cor...“
Tabor and Warsaw, ne cor.....“	Wallace and Clay, se cor.....“
Thomas and Pontiac, nw cor....M	Wallace and Force, se cor.“
Thomas and Emily, nw cor.....“	Wallace and John se cor.....“
Thompson and Scott, ne cor....“	Wallace and Smith, sw cor.....“
Taylor and Wab. R. R, sw cor..“	Wells and Fifth, nw cor.....“
Union and Noll, nw cor .....L	Wells and First, sw cor.....L
Virginia and Clay, se cor .....M	Wayne and Hanna, se cor .....M
Virginia and Monroe, sw cor....“	Wayne and Francis, se cor.....L
Wells and Archer ave, sw cor...B	Wayne and Harmer, se cor.....“
Washington and Griffith, se cor.“	Wayne and Comparet, se cor....“
Washington and Garden, sw cor“	Wayne and Walter, se cor.....“
Warsaw and Pontiac, nw cor....“	Wayne and Harrison, sw cor...M
Webster and Allen, se cor .....M	Wayne and Webster, se cor.....“
Webster and Tabor, ne cor:....B	Wayne and Ewing, se cor.....“
Walnut street and west end.... L	Wayne and Griffith, se cor.....“
Washington and Lafayette, se corM	Wayne and Jackson, se cor.....“
Washington and Monroe, se cor.“	Wayne and Hanover, se cor ....B
Washington and Hanna, se cor..“	Wayne, bet Hanover and Walton“
Washington and Francis, se cor.“	Wayne and Broadway, se cor...M
Washington and King, se cor....L	Wayne and College, se cor.....“
Washington and Broadway, se cor..... M	Wayne and Barr, sw cor.....“
Washington and Fulton, se cor.“	Wayne and Lafayette, se cor....“
Washington and Ewing, se cor..“	Wayne and Clay, se cor.....“
Washington and Webster, sw cor“	Wayne and Monroe, se cor.....“
Wells and Sixth, w side.....H	Washington and Harrison, se cor“
Wells and Putnam, nw cor.....“	Wall and Metz, se cor.....B
Williams and Hoagland, se cor..M	Wall and College, se cor“
Williams and Webster, se cor...“	Wall, bet Broadway and College“
	Walnut & Fairfield ave, nw cor...M

Walnut and Oakley, ne cor.....M	Walton, bet. Henry and Mercer,
Washington and University, sw	west side.....M
cor.....L	Walton and Milan, nw cor.....“
Washington and Schick, se cor..“	Walton, bet P. Ft. W. & C. R. R.
Washington and Hanover, se	and Simon, west side.....“
cor.....M	Walton and Simon, sw cor.....“
Washington and Grant, se cor...L	Walton, opposite Eliza, on west
Washington and Glasgow ave,	side.....“
sw cor.....“	Webster and Sutenfield, se cor.“
Washington & Harmer, sw cor..M	Winter and Hurd, sw cor.....“
Washington & Nelson, se cor. .“	Wall and Garden, sw cor.....“
Washington & Rockhill, se cor..“	Winter, bet. Pontiac and Jenni-
Washington and VanBuren, se	son“
cor“	Winch, bet. Penn and Wabash
Wayne and Walton ave, sw cor..B	R. R.....“
Wayne and Grant ave, sw cor...“	Winch and Wabash R. R., nw
Wayne & Glasgow ave, sw cor...“	cor.....“
Washington & Clinton, se cor...M	Winter and Eliza, sw cor.....“
Washington and Barr, se cor....“	Wabash and Randall,nw cor....“
Winter and Pontiac, nw cor.... “	Wabash and Humphrey,nw cor..“
Walton and Henry, west side of	Winch and Penn, sw cor.....“
Walton ave“	Zollars street on West end.....“
Zollars and Metz, sw cor.....M	

LOWRY HYDRANTS.

(INTERSECTION OF STREETS.)

Barr and Lewis.....	Calhoun and Grant
Barr and Columbia	Harrison and Berry.....
Barr and Berry.....	Harrison and Columbia.....
Broadway and Main.....	Harrison and Main.....
Clinton and Main.....	Lafayette and Holman.....
Clinton and Columbia.....	Lafayette and Virginia.....
Clinton and Wayne.....	Wabash Railroad at Webster....
Calhoun and Holman.....	

PRIVATE POST HYDRANTS.

- 4 Ludlow hydrants at Bass Foundry and Machine Works.
- 1 Ludlow hydrant at White & Co.'s Wheel and Spoke Factory.
- 2 Ludlow hydrants at N. G. Olds & Sons Wheel and Spoke Factory.
- 1 Holly hydrant at N. G. Olds & Sons' Wheel and Spoke Factory.
- 1 Matthews hydrant at Concordia College.
- 1 Ludlow hydrant at F. Eckart's Pork Packing House.
- 1 Ludlow hydrant at Rhinesmith & Simonson's Planing Mill.
- 1 Chapman hydrant at Orphan Asylum.

SUMMARY.

(PUBLIC FIRE HYDRANTS.)

Matthews, 6-inch.....	345
Matthews, 6-inch, double valve.....	22
Ludlow, 6-inch.....	64
Lowry, 6-inch.....	24
Holly, 6-inch.....	8
Bourbon, 6-inch.....	149
	612
Lowry hydrants taken out.....	9
	603
Private post hydrants.....	12
Total	615

Lowry hydrants taken out in 1887, 1889 and 1890, at the intersection of the following streets :

Calhoun and Berry.	Calhoun and Main.
Calhoun and Wayne.	Calhoun and Columbia.
Calhoun and Washington.	Broadway and Jefferson.
Calhoun and Jefferson.	Hanna and Virginia.
Calhoun and Lewis.	

The double valve hydrants are located at the following places :

Calhoun and Douglas ave.	Calhoun, bet Berry and Main.
Calhoun and Lewis.	Calhoun and Main.
Calhoun and Jefferson.	Calhoun, bet Main and Columbia.
Calhoun and Washington.	Columbia, bet Clinton and Calhoun
Calhoun and Wayne.	Columbia and Calhoun.
Calhoun, bet. Wayne and Berry.	Creighton and Holton ave.
Calhoun and Berry.	Holman and Lafayette.
Broadway and Wilt.	Clinton, at P., F. W. & C. R. R.
Broadway and Jefferson.	Murray and Barr, se cor.
Broadway, s. of railroad, w. side.	Broadway and Lavina, ne cor.
Broadway and Noll, nw cor.	Broadway and Wall, nw cor.

Inventory of Water Works Department.

CLINTON STREET STATION.

1 Gaskill Vert. Triple expansion, 6,000,000 daily.	1 Pipe Vise.
1 Holly Quadruplex, 3,000,000 daily.	1 Machinist Vise.
1 Gaskill Boiler Pump.	1 Grind Stone.
1 Deane Boiler Pump.	1 Bench.
1 Allis Air Pump 6x12x14.	1 Set Pipe Dies and Taps from $\frac{1}{4}$ in. to 2 in.
1 Holly 6x6x10 Air Pump.	2 Pipe Cutters.
1 Old Pump.	2 Trimo Pipe Wrenches.
6 80-Horse Power Boilers.	2 Adjustable Pipe Tongs.
1 Lodge & Davis Lathe and tools.	3 Monkey Wrenches.
1 Pease Planer.	1 Machinist's Hammer.
1 Sibley & Wear Drill Press.	1 Machinist's Square.
1 Wood Lathe.	1 Caliper.
1 2½ Horse Power Engine.	1 Hack Saw.
1 Line Shaft and Pulleys.	2 Small Scales.
12 Morris Twist Drills.	1 Glue Pot.
Ratchet Brace and Nine Drills.	1 Hand Saw.
1 Blacksmith's Die Plate and Taps.	1 Brace and Bits.
1 Blacksmith's Forge and Tools.	1 Nipper.
1 Anvil.	1 Wood Chisel.
	1 Draw Knife.
	1 Sledge.
	1 Axe.
	1 Ladle.
	1 Clinker Bar.

1 Blacksmith's Vise.	1 Hoe.
2 Scoop Shovels.	3 Gallons Lard Oil.
29 Extra Grate Bars.	275 Lbs. of White Waste.
2 Oiling Cans.	8 Lbs. of Garlock Packing.
1 Garden Hose.	12 Lbs. of Square Flax Pack-
25 Engine Wrenches.	ing.
1 Hydrant Wrench.	8 Lbs. Graphite.
2 Valve Keys.	1 Lb. Emery.
1 Brass Furnace.	1 Harrington Chain Hoist,
2 Crucibles.	10,000 lbs.
7 Lamps.	1 Harrington Chain Hoist,
1 Deitz Lamp No. 30.	2,000 lbs.
2 Cuspidors.	1 Set $\frac{5}{8}$ Tackle Blocks and
9 Chairs.	and 120 ft. $\frac{5}{8}$ Rope.
2 Step Ladders.	4 Slings.
1 Ladder.	150 Feet of $\frac{3}{4}$ Rope.
6 Brooms.	1 Set of Small Air Pump
1 Office Desk.	Valves.
1 Lounge.	1 Set Large Air Pump
1 Book Case.	Valves.
1 Clock.	16 Feet of $\frac{3}{8}$ -inch Hose.
1 Mat.	7 5-inch Valve Stem Cast-
1 Bath Tub.	ings.
1 Wheel-Barrow.	4 4-inch Valve Stem Cast-
1 Scale.	ings.
2 Wash Stands.	3 6-inch Valve Stem Cast-
1 Water Closet.	ing.
3 Oil Cans.	3 2-inch Valve Stem Castings
35 Gallons of Cylinder Oil.	5 Hydrant Seat Castings.
28 Gallons of Engine Oil.	1 Hydrant Waste Valve Cast-
9 Valve Nuts.	ing.

PIPES AND FITTINGS.

10 Feet 6-inch Pipe.	1 1½-inch Angle Valve.
113 Feet 5-inch Pipe.	1 1½-inch Check Valve.
20 Feet 4-inch Pipe.	1 1½-inch Plug.
60 Feet 3-inch Pipe.	1 1½x1½-inch T.
200 Feet 2-inch Pipe.	1 1½x1½x2-inch T.
179 Feet 1¼-inch Pipe.	4 1½-inch L.
216 Feet 1-inch Pipe.	1 1½x¾-inch T.
18 Feet ¾-inch Pipe.	2 1¼-inch Unions.
20 Feet ½-inch Pipe.	1 1-inch Flange Union.
25 Feet ¼-inch Pipe.	1 1-inch L.
2 8x6-inch T.	2 1-inch Return Bends.
1 8-inch L.	1 1-inch Cap.
2 6-inch L.	5 ¾-inch L.
1 5-inch L.	5 ¾-inch T.
1 5-inch Cap.	1 ¾-inch Plug.
2 4-inch L.	1 ¾-inch Union.
1 6x5-inch Bushing.	6 ½x¼-inch Reducers.
1 4x2-inch Bushing.	1 ½-inch L.
1 4x3-inch Bushing.	1 ½-inch T.
1 4-inch Nipple.	1 3x2-inch L.
1 3-inch Nipple.	3 3-inch L.
2 3-inch Plugs.	1 2½-inch L.
1 2½-inch T.	4 2½-inch Bushings.
2 2½-inch Plugs.	6 2-inch L.
1 2-inch T.	3 2x1¼-inch T.
1 2-inch Check Valve.	3 2-inch 45.
35 Tons of Coal.	5 2-inch Flange Unions.
250 Pounds Old Brass.	200 Pounds Old Iron,

ROSS STREET PUMPING STATION.

- 1 Laidlaw-Dunn-Gordon Company Duplex Compound Pump
2,000,000 Daily.
- 1 Ninety-Horse Power Boiler.
- 1 Boiler Feed Pump.

INVENTORY OF MATERIALS AND TOOLS ON HAND,

JANUARY 1, 1896.

- 1 2-inch Worthington Meters.
- 2 1-inch “ “
- 1 $\frac{3}{4}$ -inch “ “
- 1 1-inch Union “
- 1 $\frac{3}{4}$ -inch “ “
- 3 2-inch Empire “
- 1 1-inch “ “
- 2 2-inch Hersey “
- 3 1-inch Crown “
- 1 $\frac{3}{4}$ -inch “ “
- 6 $\frac{5}{8}$ -inch “ “
- 4 $\frac{5}{8}$ -inch Top Shells for Crown Meters.
- 5 $\frac{5}{8}$ -inch Bottoms for Crown Meters.
- 2 $\frac{3}{4}$ -inch Top Shells for Crown Meters.

VALVES.

- 2 6-inch Valves. 1 5-inch Valves.
- 9 4-inch Valves. 4 Valve Boxes.

PIPES AND SPECIAL CASTINGS.

- 10 Lengths of 30-inch Pipe. 2 Lengths of 24-inch Pipe.
- 5 Lengths of 16-inch Pipe. 9 Lengths of 12-inch Pipe.

10 Lengths of 10-inch Pipe. 14 Lengths of 8-inch Pipe.
 8 Lengths of 6-inch Pipe. 1300 Feet of 6-inch Pipe (old.)
 7 Lengths of 5-inch Pipe. 36 Lengths of 4-inch Pipe.

SPECIAL CASTINGS.

1 20x12 inch Crosses.	1 20x8 inch Crosses.
1 20x6 inch “	2 16x6 inch “
1 12x6 inch “	5 8x8 inch “
6 6x6 inch “	1 8x6 inch “
2 6x4 inch “	2 4x4 inch “
1 16x6 inch Tees.	1 12x8 inch Tees.
1 12x6 inch “	3 12x5 inch “
1 10x8 inch “	1 8x6 inch “
5 8x4 inch “	3 6x4 inch “
5 4x4 inch “	1 4x6 inch “
1 20x16 inch Reducer.	2 12x8 inch Reducer.
2 8x6 inch “	1 6x4 inch “
1 8-inch 45 Degrees Bend.	4 6-inch 45 Degrees Bend.
1 4-inch 45 “ “	1 30-inch Elbow.
2 12-inch Elbow.	1 8-inch “
1 5-inch “	2 4-inch “
1 3-inch “	2 24-inch Sleeves.
1 20-inch Sleeves.	4 16-inch “
2 12-inch “	2 10-inch “
4 8-inch “	8 6-inch “
14 4-inch “	4 12-inch Plugs.
2 10-inch Plugs.	8 8-inch “
1 6-inch “	3 4-inch “
1 12-inch Y.	5 Matthews' Hydrants.

FOR SERVICE CONNECTIONS.

1 Coil of 2-inch Extra Strong Lead Pipe.

1 " 1½-inch " " " "

1 " ¾-inch " " " "

21 " ⅝-inch " " " "

110 Stop Boxes.

1 Small Scale.

1 Testing Tank for Meters.

7 1-inch Corporation Cocks.

17 1-inch Stop Cocks.

91 ¾-inch Stop Cocks.

43 ¾-inch Corporation Cocks.

129 ⅝-inch " "

124 ⅝-inch Stop Cocks.

BARN.

2 Horses.

1 Large Wagon.

1 Small Wagon.

1 Set Harness.

2 Collars.

3 Blankets.

1 Feed Box.

1400 Pounds of Hay.

45 Bushels of Oats.

25 Feet of ¾ inch Hose.

IMPLEMENTS.

33 Iron Rammers.

1 Tin Pump.

10 Wooden Rammers.

1 3-inch Ditch Pump.

1 Heavy Rammer.

1 Force Pump.

3 Small Tunneling Bars.

2 Hatchets.

3 Stop Cock Keys.

2 Hand Saws.

3 Valve Keys.

2 Wood Chisels.

1 Tunneling Spoon.

2 Wood Planers.

1 Mortar Hoe.	11 Files and Handles.
2 Steel Wire Brushes.	5 Sledge Hammer Handles.
2 Concrete Hooks.	3 Hammer Handles.
1 Hand Cart.	1 Mason Trowel.
1 Scythe and Snath.	1 2-inch Union Wrench.
2 Long Handled Spades.	1 Oil Stone.
2 Old Axes.	$\frac{1}{4}$ Pound of Glue.

PLUMBERS TOOLS.

2 Plumbers Furnaces.	1 Shave Hook.
2 Plumbers Pots.	1 Tap Bore.
2 Plumbers Ladles.	1 Pair Pliers.
1 Lead Rasp.	1 Monkey Wrench.
1 Turn Pin.	

TOOLS FOR LAYING PIPE.

2 Furnaces for Melting Lead	1 Small Tool Box.
2 Melting Pots.	1 Full Set of Slings.
2 Ladles.	2 Sets of 1-inch rope to Handle Pipe.
2 Small Pouring Pots.	
3 Full Sets of Calking Tools.	1 Wheel Derrick.
	1 Three Leg Derrick.
6 Pipe Joiners.	3 Bales of Hemp Packing.
5 Clamps for Jointers.	1 Bale of Italion Packing.
2 Sledge Hammers.	13 $\frac{1}{2}$ Bars of Pig Lead.
1 Block and Tackel, 100 feet	2 Eddy Valve Wrenches.
$\frac{3}{4}$ -inch Rope.	1 Matthews Socket Wrench.
1 Large Tool Box.	1 Bourbon Packing Wrench.

TOOLS AT SHOP.

26 Small Cast Mal. Wrenches	2 Pairs of Plyers.
1 Stilson Wrench, 14-inch.	1 Small Pair of Calipers.

1 Monkey Wrench, 8-inch.	3 Fire Hydrant Wrenches.
1 Monkey Wrench, 10-inch.	1 Bourbon Packing Box
1 Monkey Wrench, 14-inch.	Wrench.
1 Monkey Wrench, 16-inch.	6 Stone Chisels.
1 Foot Adz.	10 Service Box Chisels.
1 Drawing Plane.	100 Feet of 1-inch Hose.
1 Square.	45 Lbs. of Solder.
1 Adjustable Square.	1 Hydrant Pump.
1 Brace and Two Bits.	2 Vices.
1 Breast Drill Brace.	26 Red Lamps.
1 Drawing Knife.	5 Torches.
2 R. R. Machinist Hammers	1 Pair of Dividers.
1 Cross P. Hammer.	1 Small Scale.
1 Pipe Testing Hammer.	8 Mattock.
3 Wood Gouges.	82 Picks and 90 Handles.
1 Scratch Awl.	2 Matthews Hydrant Shoes.
1 Paving Hammer.	7 Valve Boxes.
1 1¼-inch Auger.	2 Valve Boxes Bases.
1 Washer Cutter.	4 Service Augers.
1 Saw Set.	2 Tapping Machine, Drills
3 Screw Drivers.	and Taps.
1 4 to 8-inch Cast Iron Pipe	1 ¾ to 1-inch Adjustable
Cutter.	Stock and Die.

LIST OF OFFICERS.

NAME.	OFFICE	Beginning of Term.	Expiration of Term
Chas. McCulloch.	Trustee	Elected ... August, 1879	May 1881
Chas. McCulloch.	"	Re-elected ... May, 1881	May 1884
Chas. McCulloch.	"	Re-elected ... May, 1884	May 1887
Chas. McCulloch.	"	Re-elected ... May, 1888	May 1891
Chas. McCulloch.	"	Re-elected ... May, 1891	May 1894
Chas. McCulloch.	"	Re-elected ... May, 1893	May 1896
Christian Boserer	"	Elected ... August, 1879	May 1880
Christian Boserer	"	Re-elected ... May, 1880	May 1883
Christian Boserer	"	Re-elected ... May, 1883	May 1889
Christian Boserer	"	Re-elected ... May, 1889	May 1892
Henry Monning	"	Elected ... August, 1879	May 1882
Henry Monning	"	Re-elected ... May, 1888	May (Died Jul 29, '89) 1890
J. Sion Smith.	"	Appointed ... May, 1889	May 1890
William Bittler.	"	Elected ... May, 1890	May 1893
William Bittler.	"	Re-elected ... May, 1893	May 1896
William Bittler.	"	Re-elected ... May, 1896	May 1898
E. H. McDonald.	"	Elected ... May, 1896	May 1898
Murray Hartnett	"	Elected ... May, 1896	May 1898
James Breen.	"	Elected ... May, 1882	Died ... July 28, 1883
John F. W. Meyer	"	Elected ... May, 1883	May 1886
John F. W. Meyer	"	Re-elected ... May, 1886	Resigned May, 1888
Thos. B. Hedekin	"	Elected ... August, 1883	May 1885
Thos. B. Hedekin	"	Re-elected ... May, 1885	May 1888
E. B. Kunkle	"	Elected ... May, 1887	Resigned May, 1888
Henry C. Graffe	"	Appointed ... April, 1892	May 1892
Henry C. Graffe	"	Elected ... May, 1892	May 1894
Henry C. Graffe	"	Re-elected ... May, 1893	May (Died Jan 1, '96) 1896
T. H. Haberkorn.	"	Appointed Jan. 14, 1895	May 1896
F. T. Zollars.	Clerk.	Appointed ... Nov., 1879	Resigned May, 1881
W. E. Zollars.	"	Appointed ... May, 1884	Resigned Jan., 1885
P. J. McDonald.	"	Appointed ... Jan., 1885	February 1898
J. H. Turner.	Engineer	Appointed ... Nov., 1880	Resigned Mar. 1883
M. J. Zollinger.	"	Appointed March, 1883	Resigned June, 1885
War'n Carpenter	"	Appointed ... June, 1886	Resigned Sept. 1889
Thomas Baxter.	"	Appointed ... Sept., 1889	February 1898
Frank Iten	Inspector	Appointed ... April, 1880	February 1898

Respectfully submitted,

P. J. McDONALD, Clerk.

Department of Education.

1896.

REPORT
OF THE
PUBLIC SCHOOLS OF FORT WAYNE,

—BY—

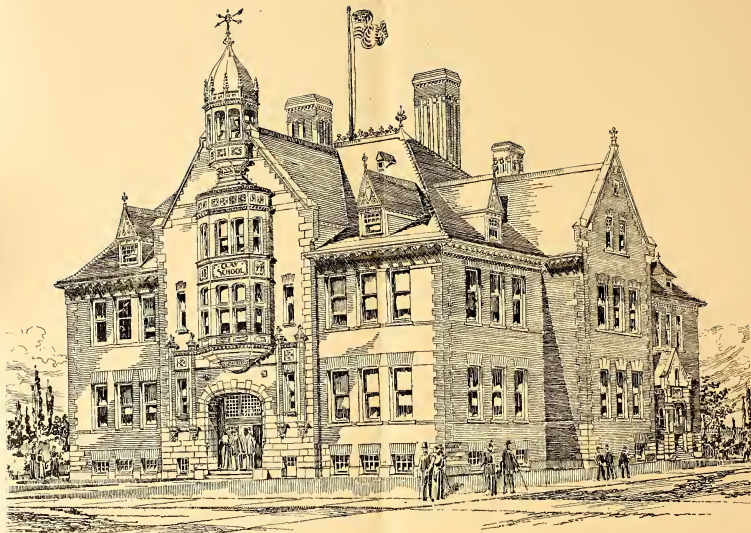
J. N. STUDY, SUPERINTENDENT.

—
TRUSTEES OF PUBLIC SCHOOLS.

A. E. HOFFMAN.

SAMUEL M. FOSTER.

WILLIAM P. COOPER.



CLAY STREET SCHOOL.

HISTORICAL.

BY HON. JOHN S. IRWIN.

DEPARTMENT OF EDUCATION }
OFFICE OF SUPERINTENDENT OF PUBLIC }
SCHOOLS, April 1, 1897. }

*To the Honorable Henry P. Scherer, Mayor, and Members of
the Common Council of Fort Wayne, Ind.:*

GENTLEMEN:—Under the original Constitution of Indiana, no attempt whatever was made towards the opening of a Public School. But efforts, more or less successful, had been made by churches and private individuals to provide for the education of the children then living in the town. It is known that at a very early day a school was established by the Society of Friends somewhere in that portion of what was then part of Randolph county, but which is now Allen county; but no records or reminiscences whatever concerning the school can now be found.

In 1821, the Rev. Isaac McCoy was sent by the Baptist Church as a missionary and teacher to the Indians, opening a school for these wards in the old fort; he also received the

children of such white parents as were sent to him. In this school he was assisted at various times by Matthew Montgomery, Hugh B. McKean, and Mr. and Mrs. Votts. After leaving Mr. McCoy, Mr. and Mrs. Votts taught school in a house on the banks of St. Mary's river near the present site of the Gas Works office.

In 1825, after the organization of the county, the first school house of Fort Wayne was built on a lot adjoining the old grave yard, in the rear of the present jail, and was known as the County Seminary. In this building for many years, under the old ideas so admirably and tersely put by "Pete Jones," the young of the town, male and female, were taught by Mr. John I. Hedges, and his successor in office. About the same time Mr. Henry Cooper, father of a present member of the School Board and afterwards well known as a lawyer, taught in an upper room of an old log house on the southwest corner of the public square. The barred windows of this primitive school house must have served to depress the spirits of the scholars in the bright spring weather, while the rough floor and seats could have had little resemblance to the comfortable and even elegant appliances now provided for the pupil.

Mr. Aughinbaugh, after teaching in the old Masonic Hall of that day, had charge of the Seminary in 1832-3, being followed in 1834 by Smallwood Noel, who died many years later an honored and respected old man. He was followed in the next year by Mr. James Requa. About the same time Mr. Beggs taught in a small building on Columbia street.

In 1835-6, Mr. Myron F. Barbour, a most popular and successful teacher, who is still living (and in his 86 year,) in the enjoyment of a well earned and dignified ease and

comfort, had charge of the Seminary where he laid the foundation of a solid and practical education to the benefit of many of the best business men and citizens of the town. He was followed by Mr. John C. Sivey, afterwards well known as a civil engineer on the Wabash and Erie Canal, who later became a resident of Wabash. In years gone by an anecdote was well known concerning an applicant for the position of teacher in the Seminary, of whose moral qualifications the examiners entertained some suspicions. Want of moral character being apparently no ground of action they endeavored to defeat him by a strict and thorough examination in the essentials. In less than an hour the examination resulted in the entire defeat of the Board, and the licensing of the applicant.

In the spring of 1836, Miss Mann, now the honored wife of ex-Secretary of the Treasury McCulloch, and the mother of Charles McCulloch, president of the Hamilton National Bank, and Miss Hubbell, the late Mrs. Regal Taylor, came from the east and opened a school of very high and distinguished character in a room in the old court house; after teaching there for a short time they joined the Rev. Jesse Hoover, who, on August 2nd of that year, had opened a school in the basement of the Presbyterian church, the first and then the only church in town, which stood on the site of the present residence of Col. D. N. and Mr. Samuel Foster. In the charge of this school Mr. Hoover was succeeded by the Rev. W. W. Stevens, with Alexander McJunkin, as assistant. Mr. Stevens subsequently built a schoolhouse on West Berry street, where with his wife, he taught for many years.

Probably no teacher in Fort Wayne, certainly none of the older ones, has so impressed himself and his characteristics

upon the memories and respect of his pupils as did Alexander McJunkin. After leaving Mr. Stevens, he built a house, still standing, on the east line of Lafayette street, between Berry and Wayne streets, where he most successfully taught school for many years, until in 1852 he became the treasurer of the Fort Wayne and Chicago Railroad Company. A fine scholar, a strong, judicious, instructor, and a stern, rigidly strict disciplinarian, he most forcibly impressed his ideas and teachings upon the minds of his scholars, and not infrequently with equal force upon their bodies.

In the fall of 1845 the Presbyterian church opened a Ladies' Seminary under the Charge of Mrs. Lydia Sykes, which promised great usefulness, but after a year and a half of very successful work, Mrs. Sykes' health failed, and she was succeeded by the Rev. Mr. James, who had come to the town in 1846, and taught in several different buildings. Many other small private schools were taught in Fort Wayne, with varying success, by residents of the town, one of whom was the present Mrs. Barbara Renan.

In 1849 the Methodist College, afterwards the Fort Wayne College, and still later the Taylor University, situated at the west end of Wayne street was opened for higher education under the charge of Prof. A. C. McG. Huestis, who passed from life only a few years since. Mr. Huestis was possessed of marked ability and great originalty as a teacher and educator, and it is impossible fully to estimate the good seeds that were sown by his labors, or the fruits that have grown from them. The institution, with a life of varied success and depression under its different heads and management, has finally passed away.

In August, 1853, the Presbyterian Academy was reopened

on the site of the present High School, under the charge of Mr. Henry McCormick, with Jacob Lancers, as assistant. The school was continued under different teachers with varying success until 1867, when it was abandoned, as the public schools were more economically carrying out its objects, and the lots sold to the Board of School Trustees. Large and well organized parochial schools had also from time to time been opened under the care and direction of the Roman Catholic, the Lutheran, and other churches, many of which are still existing, well managed, well appointed, and successfull in teaching their pupils the fundamental elements of religion, as held by the respective churches, in connection with the more secular subjects of education. So extensively are these parochial schools patronized by those connected with their respective religious bodies, and so high is the character of the work done therein, that in connection with the private and public schools, no excuse whatever can exist for an ignorant child or an illiterate adult.

In closing this part of the report, it is but proper to refer to another institution of learnig in the city, whose origin is of a later date but whose character is worthy of especial commendation and praise.

In 1883 Miss Carrie B. Sharp and Mrs. Delphine B. Wells, two of the strongest and best qualified principals of the public schools, strongly impressed with the growing necessity for such a school, opened the Westminster Seminary, for the higher education of young ladies, not only of the city, but of the surrounding towns. This institution has had a growing career of usefulness and success which the writer earnestly hopes may increase and continue till the present principals

and their successors and their pupils, for many generations, have gone to their higher rewards.

Of Virginia in 1671 it was said that "the almost general want of schools for their children was of most sad consideration, most of all bewailed of the parents." "Every man," said Sir William Berkley in his report to the home government, "instructs his children according to his ability. The ministers should pray more and preach less. But I thank God there are no free schools nor printing, and I hope we shall not have these hundred years; for learning has brought disobedience and heresy and sects into the world, and printing has divulged them and libels against the best government. God keep us from both." Most loyal follower of Jack Cade who tells Lord Say, "Thou hast most traitorously corrupted the youth of the realm in erecting a grammer school; and whereas before our forefathers had no other books but the score and the tally, thou hast caused printing to be used; and contary to the king, his crown, and dignity, thou hast built a paper mill." Under this same wise Governor Berkley, on reference of the subject to the king, a printing press was destroyed, and public education, and printing all news or books forbidden. Yet when the same Virginia, in connection with other states, ceded to the general goverment her territory north-west of the Ohio river, the congress of the confederation, in accordance with the spirit of the deed of session, declared in article 3 of the celebrated Ordinance of 1787, enacted for the perpetual government of the ceded lands, "Religion, morality, and knowledge being necessary to good government, and the happiness of mankind, schools and the means of education shall forever be encouraged." And Washington in his farewell address, said, "Promote, then, as an object of primary importance, institutions

for the general diffusion of knowledge. In proportion as the structure of a government gives force to public opinion, it is essential that public opinion should be enlightened."

Guided by these wise and judicious views, the framers of the first constitution of Indiana, in 1816, adopted as a fundamental principle the following, which was confirmed by the people, "Knowledge and learning generally diffused through a community being essential to the preservation of a free government, and spreading the opportunities and advantages of education through the various parts of the country being highly conducive to this end," it shall be the duty of the general assembly "to provide by law for a general system of education ascending in a regular gradation from township schools to a state university, wherein tuition shall be gratis, and equally open to all." The language of the revised constitution of 1851 differs slightly from this, but recognizing fully the principles of the ordinance of 1787, is essentially of the same import. It makes it the duty of the general assembly to "encourage by all suitable means, moral, intellectual, scientific and agricultural improvement; and to provide by law for a general and uniform system of common schools wherein tuitions shall be without charge, and equally open to all."

In article 8, section 2, it declares that "The common school fund shall consist of the congressional township fund, and the lands belonging thereto; the surplus revenue fund; the saline fund and the lands belonging thereto; the bank tax fund, and the fund arising from the one hundred and fourteenth section of the charter of the state bank of Indiana; the fund to be derived from the sale of county seminaries, and the money's and properties heretofore held for such seminaries; from the fines assessed for breaches of the penal laws of the state; and

from all forfeitures which may accrue; all lands and other estate which shall escheat to the state for want of heirs or kindred entitled to inheritance; all lands that have been, or may hereafter be, granted to the state, where no special purpose is expressed in the grant, and the proceeds of the sale thereof; including the proceeds of the sales of swamp lands, granted to the state of Indiana by the act of congress of the 28th of Septemeber, 1850, after deducting the expense of selecting and draining the same; taxes on the property of corporations, that may be assessed by the general assembly for common school purposes."

Section 3, declares that, "The principal of the common school fund shall remain a perpetual fund, which may be increased, but shall never be diminished; and the income thereof shall be inviolably appropriated to the support of common schools, and to no other purpose whatever."

In the enabling act, authorizing the state of Indiana, congress, to insure the carrying out of the directions of the ordinance of 1787, provided that section sixteen in every township should be granted to such township for the use of schools, and also provided that two whole townships should be appropriated to the use of a seminary of learning.

Under the original constitution of 1816, no effort whatever was made, in what afterwards became Allen county, towards the opening of any public school.

Under the school law of 1852, passed by the general assembly to give force to the provisions of the revised constitution of 1851, Hugh McCulloch, Charles Case and William Stewart were, in 1853, appointed the first board of school trustees, to organize and manage the public schools of Fort Wayne. They found themselves in charge of the school af-

fairs of a city of some 5,000 persons, of whom about 1,200 were of school age, no school building, no school appliances whatever, and not a dollar with which to buy them. They rented the McJunkin schoolhouse on Lafayette street, appointing Mr. Isaac Mahurin, and his sister, Miss M. L. Mahurin, to teach therein; and a small house on the site of Mr. Henry Paul's present residence on West Wayne street, belonging to Mr. A. M. Hulburd, who, with his wife, was engaged to teach in it. Both schools were opened in September of that year, with a tuition fund for their support of \$330.72, and no special fund whatever. To acquire the funds necessary to continue the schools, the trustees, as provided by law, called a public meeting to vote upon levying a tax for that purpose. The purpose of the meeting failed ignominiously, and the trustees resigned. James Humphrey, Henry Sharp and Charles G. French were appointed their successors, and these gentlemen under a modified law, assessed a tax of two mills on the dollar for school purposes.

With the growth of the city the necessity for additional school accommodations grew rapidly, but the means under contrall of the trustees kept no corresponding pace. In 1855, Mr. Henry Sharp resigned, and was succeeded by Mr. Williams Smith. The Board determined to do all in their power for the relief of the pressing needs, purchased the site of the Clay school from Judge Samuel Hanna, and that of the Jefferson school from Dr. Charles E. Sturgis, and advertised for proposals to build the Clay school. They met and adjourned from time to time, but no bids having been received, with wonderful moral courage they assumed a responsibility the extent and weight of which cannot now be readily appreciated. They proceeded with the work themselves, letting it in portions as

they found opportunity and persons willing to assume the risk. After overcoming many and great difficulties, and in the face of innumerable discouragements they opened the building on February 9, with appropriate exercises, having appointed the Rev. George A. Irvin, superintendent. Those and those only, who have themselves experienced such trials and difficulties can fully appreciate the gratified feelings with which they beheld the completion of their arduous but valuable labors.

In September of the year ten gentlemen of the city generously mortgaged their personal reality to the State Sinking Fund for \$500.00 each, sending the full amount to the trustees who agreed to protect the mortgages and pay the interest as it became due, with this money the Board built the Jefferson school, furnishing, with the Cay school, accommodations for about 600 pupils. With the heavy debt hanging over them the trustees could do nothing further, although the number of children entitled to school privileges was constantly increasing.

In 1861 the Supreme Court decided the school law then existing unconstitutional, and the schools were closed for a short time. A new law was passed, but under circumstances so depressing and disheartening that the membership of the School Board was being constantly changed by resignation and appointment. In June, 1863, the Rev. George A. Irvin resigned his position as superintendent to become a chaplain in the Federal army, and was succeeded by Mr. E. S. Green, under whose administration a reorganization of the school, and the course of study was attempted, but owing to the great difficulties in the way, without much success.

Early in 1865 the school law was materially and advantageously amended, and the city councils were empowered to elect boards of school trustees, three in number, to serve for

three years each. In April of that year the Fort Wayne Council elected Oliver P. Morgan, Edward Slocum and John S. Irwin, trustees, who entered at once upon the duties of their office. In the following June they graduated the first class who had passed through the high school, consisting of four young ladies of very marked ability, two of whom are still teaching successfully in the schools which had educated them. At the close of the school year in June, Mr. Green resigned his position as superintendent.

The new School Board found the schools were totally inadequate, no accommodations, no school appliances or aids whatever, themselves the inheritors of a magnificent debt, and not a dollar of money. They had, however, a keen appreciation of the importance of their work, and great faith in the eventual recognition of that importance by the community. They elected Mr. James H. Smart, now Dr. Smart, president of Purdue University, as superintendent. With a high reputation for teaching ability acquired in the Tolèdo schools, and strong power of organization, he entered at once upon the accurate and practical grading of the schools, bringing the work within a reasonable number of years, and elevating the standard to the highest practicable level. From this time the growth of the schools, in numbers and popularity, was rapid and steady.

In 1866 the Board purchased part of the present site of the Hoagland school, and built thereon a plain one-story frame building of three rooms, seating when closely filled some 200 pupils. For both site and building they issued their warrants, which was all they could do. Two rooms were opened in September, but it soon became necessary to open the third. This building has, at various times, been enlarged and modified so that now it contains thirteen class rooms, all full. The

growth of the population in that part of the city, and the condition of the building itself, the small size and comparatively inconvenient character of the rooms, must in the near future, make the erection of a new and improved building a positive necessity.

In 1867 the Board purchased the sites of the present High, Hanna and Washington schools, and petitioned the City Council to issue bonds for the payment of these sites, and the erection of the necessary buildings thereon, which petition was granted and the bonds issued.

They immediately contracted with Messrs. Cochrane, Humphrey & Co. for the erection of the High and the Washington schools. Both buildings were furnished and opened for occupancy September 7th of that year. In the year 1877 a large addition was made to the High School building, and the older part greatly modified. In 1894 still further modifications were made in it to meet the rapidly growing demand for additional space. Notwithstanding all this the rapid growth of the classes promoted from the Grammar schools will demand greatly increased accommodations which must be met in the very near future.

The Washington school was also opened in September, 1868, and was originally a four-room building. In the year 1877 its internal arrangements were entirely reconstructed changing it to an eight-room building. In 1884, so rapidly had become the growth of the western part of the city, it became necessary to make an addition of four rooms, increasing the accommodations to twelve rooms in all, and all required.

In 1869 the Hanna school, a four-room building of the same plan as the Washington School, was built and one room occupied. In 1877 it was also transformed into an eight-room

building, and in 1882, to meet the rapid growth in that part of the city, four more rooms were added, all now in use.

In 1870, the small frame building which has stood upon the site of the High School, and had been moved to lots on the northwest corner of Jefferson and Harmer streets bought from Mr. Horace Hanna, was opened as the Harmer School with one teacher. In the next year two rooms were added and occupied. But the demands for more room grew so rapidly that in 1876 the buildings were sold and removed, and an eight-room brick building erected on the site. In 1893 it became necessary to build a four-room addition, making the whole a twelve-room house.

In 1871, the villages of Bowserville and Bloomingdale were added to the city, and the school in the one-room frame building opened in September. The next year it became necessary to add two rooms to the building, and 1875 the Board was compelled to buy an additional lot, sell the frame building, and erect a large and substantial eight-room brick, to which, in 1884, a four-room addition was made, all in use.

In 1874, small districts were added to the city on the north, east and south, each having a small school building which the Board immediately occupied. They also rented another small frame building on the north for a German school. These districts, with the exception of that on the north, have since been returned to the respective townships to which they formerly belonged.

But all these improvements and additions very soon proved inadequate to the rapid growth of the school population, and in 1886 the Board was compelled to purchase sites for buildings on the corner of Boone and Fry streets in the west, on the corner of Creighton and Holton avenues on the south-east

and on the corner of West DeWald and Miner streets on the south, and erected thereon the Nebraska, and the Holton Avenue schools, each two-room brick buildings, and the Miner Street school, a four-room brick. The construction of these buildings was such that they could be enlarged, and receive second stories, without the destruction of the roofs, and at comparatively small cost.

In 1888, to relieve the wants of the extreme eastern portion of the city, the Board purchased handsome lots from Judge McCulloch, on the corner of McCulloch and Eliza streets and erected thereon a substantial four-room brick, opening two rooms in January, 1889. All the rooms are now full.

In 1891 the overcrowded condition of the Hoagland and Bloomingdale schools compelled the Board to purchase sites on the corner of Clinton and Pontiac streets, on which they built the Hamilton School, a four-room brick; and on the corner of Franklin avenue and Huffman street, on which they built the Franklin School, similar to the Hamilton School. The Hamilton School is all occupied, and only one room of the Franklin unoccupied.

In 1891, two rooms were added to the Holton Avenue School, making it a four-room building, which is already overcrowded.

In 1893 the Nebraska School was also enlarged by two additional rooms, and all four are filled, even beyond a healthy point. At the same time a second story was put upon the Miner Street school, making it an eight-room building, all the rooms being now full.

In February, 1894, the Clay School, the first house built for the city schools, was destroyed by fire. On the same site the Board have erected a twelve-room brick building, which

we regard in its construction, arrangements and appliances, as a truly model building, and one erected at an exceptionally low cost, when its full character is considered. All the rooms are fully occupied.

Fully recognizing the fact that the character of the school depends very largely upon the character of the teachers, in 1867 Mr. Smart, under the direction of the Board, established a training school for the proper education of teachers. As a rule, graduation from the High School was a necessary precedent to admission to the school. Thorough education in pedagogical principles and methods, and accurate practice in the school room, under strong, well-qualified teachers, was the work of this school. The wisdom of the measure was rapidly manifested in the higher ability of the teachers, the broader, more accurate and more solid character of their work, and in the rapidly growing reputation of the schools amongst prominent educators. In 1877 the instruction in this school was limited to the primary grades, another being opened for instruction in the higher grades. This latter school was continued for two years only, and the former until June, 1886, when, for pressing reasons then existing, the Board discontinued it for the time being. So great were the advantages of the school in many ways that its reorganization is greatly to be desired.

Having been elected State Superintendent of Public Instruction in October, 1874, Mr. Smart resigned his position as Superintendent of the city schools in the early part of March, 1875, and was succeeded by John S. Irwin, who had for ten years been a member of the Board of Trustees.

The growth, prosperity and character of the schools have been largely influenced by the skill and labor of Mr. Smart.

Elected when a man young for the position, he brought to the work abilities of a high order, energy and perseverance that knew no tiring or defeat, knowledge of his profession, theoretical and practical, much beyond his years, and out of virtual chaos elaborated a system well arranged, with courses of study well adapted to the wants of the community, and productive of results valuable to the pupils, serviceable to the city and honorable alike to the Superintendent and teachers.

In 1877 the "colored question," which had caused much anxiety and trouble, and serious expense, was satisfactorily settled by placing the colored children in the regular schools, grades and districts for which their advancement fitted them, and they are now to be found doing satisfactory work in every grade from the baby room to the High school.

In March, 1878, certain movements in the legislature, unfriendly to High school interests, caused the Board to change the name of "High School" to that of "Central Grammar School." The old name, while neither being objectionable in itself nor giving additional strength to the schools, at that time excited useless but very unpleasant opposition. The change of name without any lowering of the standard of education, caused a closer and more sensible examination of the subject, and it being found, that in the five states erected from the Northwest Territory, school authorities were fully empowered to teach any study, however high, for which the pupil was prepared, and the Board had the money to pay, the opposition to high schools and high school work has died out, and last year the name of High School was restored by the Board. At no time has the standard of the work required, been in any manner or degree lessened, nor its extent lessened. The course of study, while it is regarded by no means fault-

less, has proved itself valuable by the success of our graduates both in higher institutions of learning and in the professional and business walks of life. It is the aim of all in charge not to weaken the schools but rather to strengthen them, and that more by the accurate and thorough prosecution of a few solid, necessary and valuable branches, than by the skimming of the whole field of art, literature and science.

At present the Board have under their charge sixteen school buildings, owned and one rented, well furnished with modern desks, globes, maps, approaches, reference books and a general library for the use of all the schools of some 6,200 volumes; one hundred and twenty-six teachers are employed in teaching the scholars from the lowest primary to the highest High school class. The school enumeration for the city, this last year, including about 1,000 transfers from the surrounding townships, is something over 14,000. Of these over 5,600 children were in the public schools, while over 4,000 were in attendance at the various parochial and private schools. Of the children over fifteen years of age, enumerated in the entire city, not over 300 attend any school whatever, but are almost universally at work of some kind or other. Excluding these and also those who, by reason of their youth and physical disability, are kept home by their parents, it would seem that not over 5 per cent. of the school population are out of school.

It has been the privilege of the present Superintendent, and, except for two years, that of Mr. O. P. Morgan, trustee, to have been officially connected with the graduation of every class that has left the schools. From 1865 to 1894, both inclusive, there have been graduated from the High School 363 young ladies and 124 young gentlemen, of whom seventeen took the

post graduate course, fifty-nine the full classical, including Greek, 208 the Latin and 203 the scientific course. In addition to these, 174 young ladies have been graduated from the training school.

It is a source of great gratification to those interested that these young ladies and gentlemen have proved themselves, with scarcely an exception, honorable and useful members of the communities in which they live, communities separated far and widely, better fitted by the education they have received for performance of their respective duties, and filled with a higher ambition to perform them in the best and most honorable manner. While, so far as is known, none of them have attained to positions of great distinction, they have adorned the more useful walks of middle life. No honorable profession, and scarcely any useful occupation, is unrepresented in their number. Many, to whom the "*res augustae domi*" had otherwise denied the opportunity of cultivating their natural abilities, have found in these schools ample facilities and most effective and kindly aids towards raising them to spheres of honorable usefulness, and positions that have enabled them to become valuable producers in the community, instead of wasteful drones and unproductive consumers of the results of other men's labor.

The prudent and business-like management of the funds and the affairs of the schools by a Board of exceptionally strong and successful business men, has enabled that Board, up to the present time, gradually to lessen the number of pupils under the charge of a single teacher. This gives to each scholar a greater personal attention on the part of the teacher; gives to the teacher a better opportunity for studying the individual character of each scholar and its modifica-

tions by heredity and environment, permitting the teacher more understandingly and more successfully to but in practice the best methods under the best conditions; avoids the evil effect to the health, physical, mental and moral, of an overcrowded room, and places the pupil in the best conditions to obtain the best results with the least expenditure of life and strength. The course of study has been so carefully arranged, that, while due and paramount importance attached to the so-called common branches, which must always form the necessary and only safe foundation for all advanced work, just and weighty consideration is given to those branches which serve not only to supplement the former but also to strengthen them to the better equipment of the scholar for the work of life. The natural relation of the study and the age and capacity of the child has been so studied and provided for, that as a rule at whatever age he may leave the school, he leaves it with the best to be attained in the time. The employment of special teachers in various studies, and of teachers in the advanced grades of the work especially educated and fitted for their respective fields, has enabled the Board to furnish the highest facilities for a very advanced education with less comparative cost than was formerly necessary to teach the three R's.

As an evidence of the value and accuracy of the work done in the schools, the Board can point to the facts, that no scholar from the advanced grades has ever gone to a highest institution of learning properly accredited and failed to take an honorable position for work and conduct, and that as large a percentage of our teachers, including those of the High School, have been educated and fitted for their profession in our own schools as in any other city in the country so far as they are advised. The facilities for prosecuting scientific study and

research are beyond those of many colleges ; historical and literary studies are prosecuted with a full, close and accurate consideration of original works, and with a breadth and comprehensiveness of scope, which a decade ago would have been considered impracticable. The results of the art teaching are seen in many of the homes of the city, and in many of its workshops. A course of study that raises the capabilities of a lad to those of a journeyman ; which reduces the expenditure of time in a given employment one-third, which enables a given result to be obtained with the use of a third less material, may be ornamental—highly so—but it is also unquestionably eminently practical. A method of study which raises the subject of reading, from a mere mechanical repetition of words, or their stilted mouthing after the manner of a barn-stormer, to an intelligent comprehension and rendering of the ideas of an author, and the ability critically to analyze and discuss the work of that author, may well be regarded as cheaply purchased by the salary of a special teacher. No less can be said for the delightful and harmonizing study of music, which enables the child, as well as the youth of more advanced years, accurately and with feeling to render in sweet and harmonious measures the elevating thoughts that seek their utterance in melody. All these facilities and more are freely furnished by a wise and prudently generous Board to the scholars of the Fort Wayne schools, almost without money and without price to them ; furnished to a fullness and extent equaled in but few cities.

One other point, exhibiting the wisdom and foresight of the board, is worthy of special mention. Such strict cleanliness in all the schools, from garret to cellar, in outhouses and yards ; such watchful care and attention to light, heat and

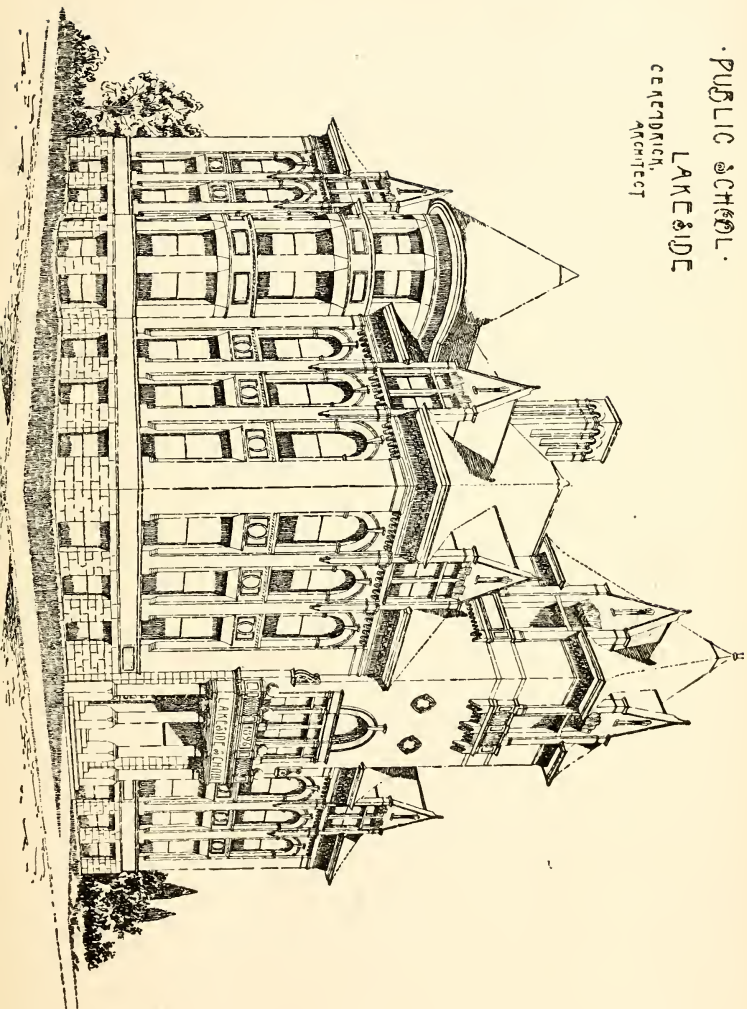
ventilation in all the rooms and halls; such observance of the laws of hygiene in study, rest, recreation, duration of recitation, and the hundred other points which bear upon the health, strength and comfort of the pupil have been and are so fully and closely carried out that during the last full school year, 1893-94, out of an enrollment of 5,610 the whole number of deaths in all the schools was sixteen, and that, notwithstanding the prevalence of serious and largely fatal epidemics, a mortality greatly below the average mortality of even the healthiest countries. It casts no slur upon the homes of the city to say that in many cases the schools largely counteract the evil effects that want of care, want of means and want of hygienic knowledge inflict upon their children in their own homes.

A very great part of these valuable results, and of the marked economy of means by which they have been brought about is due to the wisdom of the Council in keeping in their positions men eminently fitted by their natural abilities and their acquired experience, ably and successfully to administer the large, the important and the delicate interests which must ever belong to the education and building up of the future fathers and mothers of the land. Long may this wisdom in all its conservative power be exercised to the welfare, the growth, the prosperity and abounding good to the community of these public schools, so that a grateful posterity may rise up and call all concerned therein blessed.

List of School Trustees of Fort Wayne Since 1853.

TRUSTEES.	When Elected.	Served Until.	Served.
Hugh McCulloch.....	1853	1854	1 year.
Charles Case.....	1853	1854	1 "
William Stewart.....	1853	1854	1 "
James Humphrey.....	1854	1857	3½ "
Henry Sharp.....	1854	1855	1 "
Charles G. French.....	1854	1856	2 "
William S. Smith.....	1855	1856	1 "
Franklin P. Randall.....	1856	1856	½ "
Pliny Hoagland.....	1856	1856	½ "
John M. Miller.....	1856	1857	½ "
Charles E. Sturgis.....	1856	1858	1½ "
William Rockhill.....	1857	1859	2 "
William H. Link.....	1857	1857	½ "
James Humphrey.....	1857	1859	1½ "
Thomas Tigar.....	1858	1861	3 "
William Edsall.....	1858	1859	1 "
Charles G. French.....	1858	1859	1 "
Samuel Edsall.....	1859	1861	2 "
Charles E. Sturgis.....	1859	1861	2 "
Oliver P. Morgan.....	1859	1863	4 "
Robert E. Fleming.....	1859	1861	2 "
William Rockhill.....	1861	1863	2 "
James H. Robinson.....	1861	1863	2 "
John C. Davis.....	1861	1863	2 "
Orin D. Hurd.....	1861	1863	2 "
Samuel Edsall.....	1863	1863	½ "
A. Martin.....	1863	1863	½ "
Christian Orff.....	1863	1865	2 "
Charles F. Sturgis.....	1863	1865	2 "
Oehmig Bird.....	1863	1865	2 "
Emanuel Bostick.....	1863	1865	1½ "
Virgil M. Kimball.....	1863	1865	1½ "
Oliver P. Morgan.....	1865	1873	8 "
John S. Irwin.....	1865	1875	10 "
Edward Slocum.....	1865	1869	3½ "
Pliny Hoagland.....	1869	1880	10½ "
Alfred P. Edgerton.....	1873	1888	15 "
Oliver P. Morton.....	1875	1896	21 "
Max Nirdlinger.....	1880	1886	6 "
John M. Moritz.....	1886	1895	9 "
A. Ely Hoffman.....	1888	.....	.....
Samuel M. Foster.....	1895	.....	.....
Wm. P. Cooper.....	1896	.....	.....

·PUBLIC SCHOOL.
LAKESIDE
GENERAL
ARCHITECT



PUBLIC SCHOOLS.

FORT WAYNE, Ind., April 1, 1897.

*To the Hon. H. P. Scherer, Mayor, and the Common Council
of the City of Fort Wayne:*

GENTLEMEN—We have the honor of submitting a statistical report of the public schools of Fort Wayne for the school year ending July 31st, 1896, and the organization of the Board and the supervision and instructions of the schools for the school year 1896-7,

ENUMERATION.

The enumeration of school population, which includes all unmarried persons between six and twenty-one years of age, was taken for the year 1896 under the new and stringent enumeration law of 1895. The enumeration dropped from 14,796 in 1895 to 12,632, a falling off of 2,164, or 14.6 per cent. The falling off, however, was general over the state, showing that the enumeration was generally excessive. The decrease in the whole state was 65,579. The decrease in cities was general, and Fort Wayne made a good showing as compared with many other cities.

The following table shows the decrease in certain cities of the state :

LaPorte—decrease, 37 per cent.

Terre Haute—decrease, 32 per cent.

Valparaiso—decrease, 31 per cent.

Crawfordsville—decrease, 24 per cent.

Columbus—decrease, 23 per cent.

Indianapolis—decrease, 21 per cent.

Connersville—decrease, 15 per cent.

Richmond—decrease, 11.7 per cent.

Evansville—decrease, 4 per cent.

The decrease in Fort Wayne was less than in many and about an average of the loss in the cities of the state.

The detailed report of the enumeration is as follows :

White—Males.....	5,967	
“ —Females	6,172	
		————
Total whites.....	12,139	
Colored—Males.....	23	
“ —Females.....	35	
		————
Total colored.....	58	
		————
Total enumeration in city.....		12,197

TRANSFERS.

White—Males.....	202	
“ —Females.....	233	
		————
Total transfers.....	435	
		————
Total enumeration.....		12,632

ENROLLMENT BY BUILDINGS.

High School.....	364
Jefferson School	520
Clay School	631
Hoagland School.....	506
Hanna School	497
Washington School.....	430
Bloomington School.....	601
Harmer School.....	430
Miner Street School.....	449
Holton Avenue School	251
Nebraska School.....	283
McCulloch School.....	171
Hamilton School.....	185
Franklin School	89
Lakeside School	53
East German School	81
West German School.....	97
<hr/>	
Total.....	5,638

ENROLLMENT BY GRADES.

HIGH SCHOOL GRADES.

Seniors, Twelfth Year.....	31
Juniors, Eleventh Year.....	49
Second Year, Tenth Year.....	75
First Year, Ninth Year.....	150
Special Students.....	59
<hr/>	
Total High School Grades.....	364

GRAMMAR OR INTERMEDIATE GRADES.

Eighth Year.....	195
Seventh Year.....	349
Sixth Year.....	378
Fifth Year.....	430

Total Grammar Grades.....1,352

PRIMARY GRADES.

Fourth Year.....	590
Third Year.....	633
Second Year.....	683
First Year.....	2,016

Total Primary Grades.....3,922

Total of all Grades.....5,638

Officers, Teachers and Employes for 1895-6.

BOARD OF SCHOOL TRUSTEES.

A. Ely Hoffman, President.

Wm. P. Cooper, Secretary.

Samuel M. Foster, Treasurer.

SUPERVISION AND INSTRUCTION.

Justin N. Study, Superintendent.

Edna E. Study, Clerk and Librarian.

James A. Gavin, Superintendent of Buildings.

SUPERVISORS AND TEACHERS OF SPECIAL BRANCHES.

William Miles, Music.

Mary E. Stephens, Reading.

HIGH SCHOOL.

Chester T. Lane, A B, Principal, Latin and Mathematics.

Albert B. Crowe, A B, Physics and Chemistry.

Harry O. Wise, A B, English.

Mary L. Jay, Ph. B., Latin and History.

Caroline Cohin, A B, History.

Ellen McKeag, Algebra.

E. Louise Hamilton, English.

Katharine H. Blynn, A B, Mathematics.

*Cora Park, English.

*Resigned February 19, 1897.

BLOOMINGDALE SCHOOL.

Margaret M. McPhail, Principal.
Sarah E. McKean, 8 A B Grade.
Mabel E. Clayton, 7 A B Grade.
Martha M. Clark, 6 A B Grade.
Nellie L. Markey, 5 A B Grade
Bertha Stahl, 4 A B Grade.
Anna Robertson, 4 A and 3 A Grade.
M. Edieess Terry, 3 A B Grade.
Annie Y. Baillie, 2 A Grade.
Elizabeth J. Bowman, 2 B Grade.
Olive D. Brosius, 1 A B Grade.
Victoria Carter, 1 A B.
Martha Stumpf, German, 3 A, 2 A, 1 A.

CLAY SCHOOL.

Mary McClure, Principal.
Emma Armstrong, 8 A B.
Anna Habecker, 7 A B.
Annette Gaskins, 6 A B.
Rose Kohn, 6 B, 5 A.
Eva Beebe, 5 A B.
Belle Geake, 4 A.
Euretta Banister, 4 B.
Mary Markey, 3 A B.
Janet Humphrey, 2 A.
Nellie McKay, 2 B.
Jennie Woodward, 1 A B.
Katherine Ersig, 1 A B.

EAST GERMAN SCHOOL.

Emma C. Weber, Principal, 5 B, 4 B, 8 B.
Bertha Ritter, 2 B, 1 B.

FRANKLIN SCHOOL.

Martha E. Wohlfort, Principal, 3 A, 2 A.
Jennie Pelkey, 2 B, 1 A.

HAMILTON SCHOOL.

Anna M. Fairfield, Principal—2 B.
Addie Durnell, 4 A B.
Clara M. Wilson, 3 B, 2 A.
Hattie B. Fishering, 1 A B.

HANNA SCHOOL.

Isabel R. Lloyd, Principal.
Marion Brenton, 8 A B.
Margaret Wade, 7 A B.
Addie Williams, 6 A B.
Eva Baughman, 6 A, 5 A.
Louvia Strong, 5 A B.
Emma Hebert, 4 A B.
Catherine Murphy, 3 A B.
May Daugherty, 2 A.
Louise Heller, 2 B.
Katharine Beebe, 1 B.
Mary J. Kern, 1 B.
Anna Boss, German Sc.

HARMER SCHOOL.

Clara Phelps, Principal.
Emma Stanley, 8 A B.
Sarah J. Stahl, 7 A B.
M. Georgina Wadge, 6 A B.
Mary E. Christie, 5 A B.
Emma H. Ersig, 5 A B.
Fannie Kohn, 4 A B.
Katherine Scherer, 3 A B.
Jennie A. Harper, 2 A.
Edith M. Holsworth, 2 B.
Henrietta Winbaugh, 1 A B.

HOAGLAND SCHOOL.

Frances Hamilton, Principal.
Mary E. Dick, 8 A B.
Mary E. Orff, 7 A.
Mary E. McClure, 7 A B.
Leora Miner, 6 A B.
Carrie A. Snively, 5 A B.
Laura G. Bradley, 4 A.
Caroline Viberg, 4 B, 3 A.
Mary M. Brokaw, 3 B, 2 A.
Birdie Austin, 2 B.
Lillian B. Beaber, 1 A B.

HOLTON AVENUE SCHOOL.

Edith M. Brewster, Principal, 1 A. B.
Laura D. Muirhead, 4 A, 3 A.
Leona McQuiston, 3 A, 2 A.
Sophia Nix, 2 B, 1 B.

JEFFERSON SCHOOL.

Harriett E. Leonard, Principal.

Janet A. McPhail, 8 A.

Elizabeth Chapin, 8 A.

Elizabeth Collins, 8 A.

Janet Humphrey, 7 A B.

M. Frances Muirhead, 6 A B.

Anna M. Trenan, 5 A.

Mary T. Smith, 5 A B.

Ella R. Williard, 4 A B.

Clara M. Yoost, 3 A B.

Caroline Biddle, 2 A B.

Mabel E. Jenness, 2 B.

Minnie L. Ortman, 1 A. B.

LAKESIDE SCHOOL.

Mary E. Freeman, Principal, 1 A B.

Katharine O'Rourke, 2 A B.

Ada M. McCormick, 2 A, 3 A.

Fannie Lowry, 3 A, 4 A.

McCULLOCH SCHOOL.

Celia Foley, Principal, 1 A B.

Sarah Griffiths, 4 A, 3 A.

Maude Gaskins, 3 B, 2 A.

Anna Miller, 2 B, 1 A.

MINER STREET SCHOOL.

Alice M. Habecker, Principal.
R. Estelle Winter, 6 A B.
Lillian Fisk, 5 A B.
M. Kate Abel, 4 A B.
Etta C. Brooks, 3 A B.
Grace L. Harding, 2 A B.
Nellie F. You, 2 B, 1 A.
Minnie B. Seibt, 1 A B.
*Elsie A. Hall, 1 A B.

NEBRASKA SCHOOL.

†Susan S. Sinclair, Principal.
Julia M. Bryant, present Principal.
‡Lillie V. Bowen, 3 B, 4 B.
Prudence S. Bowman, 1 A, 2B.
Carrie B. Schrader, 1 A B.

SOUTH WAYNE SCHOOL.

Mary A. Abel, Principal 2 A.
Jennie Rich, 4 A 3 A.
Maude Biegler, 2 B.
Edith Fairfield, 1 A B.

*Resigned March 10.

†Died

‡Resigned March 5.

WASHINGTON SCHOOL.

Margaret Cochrane, Principal
Mary Smyser, 7 A B.
Margaret Murphy, 7 A B.
Helen Brenton, 6 A B.
Ada May Griffiths, 5 A B.
M. Blanche Blynn, 5 A B.
Daisy K. Beaber, 4 A B.
Olive M. Brooks, 2 A.
Marina Geake, 2 B.
May Fiske, 3 A B.
Effie Lombard, 1 A B.

WEST GERMAN.

Carl Schwarz, Principal 5th, 4th, 3d Grade.
Sarah C. Schaaf, 2d, 1st year.

SUBSTITUTES.

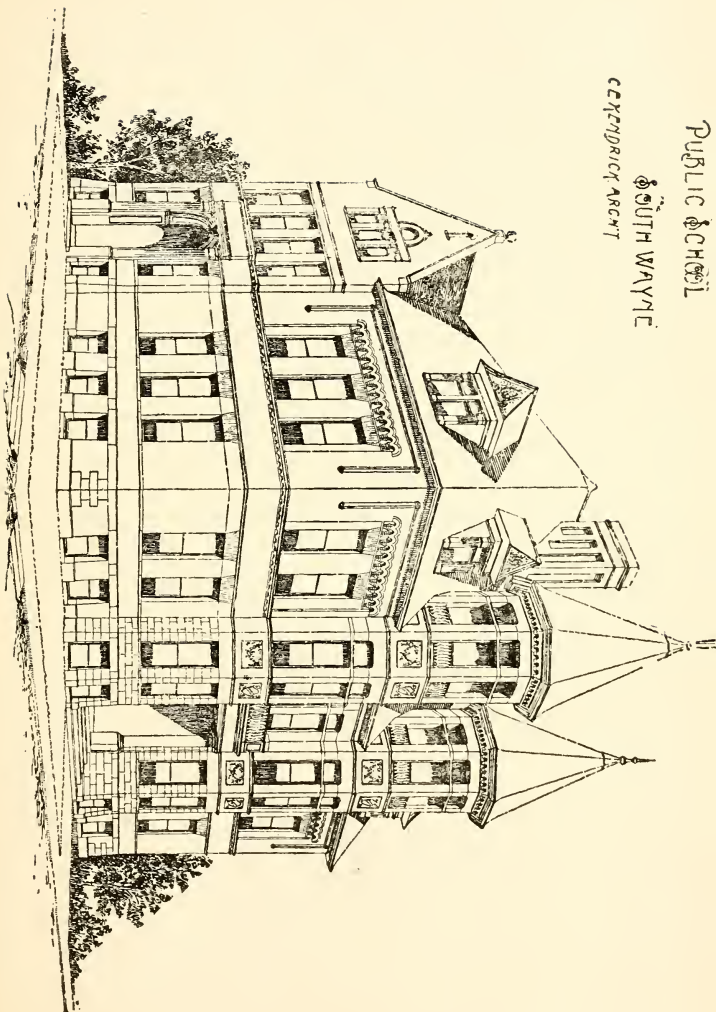
Martha J. Moderwell, Permanent Substitute.

JANITORS.

High School, Conrad Liedolf.
Bloomingdale School, Miss Catharine Sheridan.
Clay School, Michael L. Brannan.
Jefferson School, John Immel.
Hoagland School, Mrs. Anna Miller.
Hanna School, Mrs. Maria Territt.
Washington School, Mrs. Sophia Kellermeyer.

Harmer School, Mrs. Anna J. Clark.
Miner Street School, Mrs. Orpha Clippinger.
Holton Avenue School, Mrs. Catharine Clear.
Nebraska School, Mrs. Anna Rouzer.
McCulloch School, Mrs. Mary E. Dolan.
Hamilton School, Mrs. Jennie Bryan.
Franklin School, Mrs. Mary Hedges.
Lakeside School, Mrs. Mary Henninger.
South Wayne School, Mrs. Minnie Henry.
West German School, Mrs. Frederica Bierbaum.

PUBLIC SCHOOL
J. B. WAYNE
CELESTINE ARCHT



Location, Description and Estimated Values of the Several School Buildings and Their Contents.

HIGH SCHOOL.

A brick building of three stories and basement, situated on the north side of East Wayne street, between Calhoun and Clinton streets. It contains twenty-five rooms, used for the various purposes of session rooms, recitation rooms, laboratories, offices, &c.

Lots, 120x150 feet.....	\$24,000 00
House, with furnaces, closets, &c.....	36,000 00
Chemical and physical apparatus.....	2,000 00
School furniture and other apparatus.....	1,500 00
General Library, text and reference books and supplies	6,300 00

Total.....\$69,800 00

JEFFERSON SCHOOL.

A three-story and basement brick building on the southwest corner of Jefferson and Griffith streets, containing eighteen rooms.

Lots, 200x142 feet.....	\$10,000 00
House, furnaces, closets, &c.....	18,150 00
School furniture and apparatus.....	1,900 00
Text and reference books and supplies.....	250 00
<hr/>	
Total.....	\$30,300 00

CLAY SCHOOL.

A three-story and basement brick building on the northwest corner of Clay and Washington streets, containing twenty-one rooms.

Lots, 120x150 feet.....	\$10,000 00
House, furnaces, closets, &c.....	30,000 00
School furniture and apparatus.....	2,050 00
Text and reference books and supplies.....	250 00
<hr/>	
Total.....	\$42,300 00

HOAGLAND SCHOOL.

A two-story frame building on the northeast corner of Hoagland avenue and Butler streets, containing fourteen rooms.

Lots, 200x150 feet.....	\$ 8,000 00
House, stoves, closets, &c.....	8,000 00
School furniture and apparatus.....	1,500 00
Text and reference books and supplies.....	250 00
<hr/>	
Total.....	\$17,750 00

HANNA SCHOOL.

A two-story and basement brick building on the southwest corner of Hanna and Wallace streets, containing sixteen rooms.

Lots, 150x150 feet.....	\$ 6,000 00
House, furnaces, closets, &c.....	12,500 00
School furniture and apparatus.....	1,500 00
Text and reference books and supplies.....	250 00
<hr/>	
Total.....	\$20,250 00

WASHINGTON SCHOOL.

A two-story and basement brick building on the southwest corner of Washington and Union streets, containing seventeen rooms.

Lots, 150x150 feet.....	\$ 7,500 00
House, furnaces, closets, &c.....	14,000 00
School furniture and apparatus.....	1,500 00
Text and reference books and supplies.....	250 00
<hr/>	
Total.....	\$23,250 00

BLOOMINGDALE SCHOOL.

A two-story and basement brick building on the northwest corner of Marion and Bowser streets, containing nineteen rooms.

Lots, 150x150 feet.....	\$ 6,000 00
Houses, furnaces, closets, &c.....	18,800 00
School furniture and apparatus.....	1,700 00
Text and reference books and supplies	250 00
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Total.....	\$26,750 00

HARMER SCHOOL.

A two-story and basement brick building on the northwest corner of Harmer and Jefferson streets, containing nineteen rooms.

Lots, 180x150 feet.....	\$ 9,000 00
House, furnaces, closets, &c.....	20,300 00
School furniture and apparatus.....	1,700 00
Text and reference books and supplies.....	250 00
<hr/>	
Total.....	\$31,350 00

MINER STREET SCHOOL.

A two-story and basement brick building, on the southwest corner of Miner and DeWald streets, containing thirteen rooms.

Lots, 150x150 feet.....	\$ 7,500 00
House, furnaces, closets, &c.....	12,500 00
School furniture and fixtures.....	1,250 00
Text and reference books and supplies.....	250 00
<hr/>	
Total.....	\$21,500 00

HOLTON AVENUE SCHOOL.

A one-story and basement brick building on the southwest corner of Holton and Creighton Avenues, containing nine rooms.

Lots, 150x168 feet.....	\$ 4,500 00
House, furnaces, closets, &c.....	9,000 00
School furniture and apparatus.....	650 00
Text and reference books and supplies.....	150 00
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Total.....	\$14,300 00.

NEBRASKA SCHOOL.

A one-story and basement brick building on the southeast corner of Boone and Fry streets, containing nine rooms.

Lots, 150x150 feet.....	\$ 4,500 00
House, furnaces, closets, &c.....	9,000 00
School furniture and apparatus.....	650 00
Text and reference books and supplies.....	150 00
<hr/>	
Total.....	\$14,300 00

McCULLOCH SCHOOL.

A one-story and basement brick building on the north-west corner of McCulloch and Eliza streets, containing nine rooms.

Lots, 200x150 feet.....	\$ 4,000 00
House, furnaces, closets, &c.....	9,000 00
School furniture and apparatus.....	650 00
Text and reference books and supplies.....	100 00
<hr/>	
Total.....	\$13,750 00

HAMILTON SCHOOL.

A one-story and basement brick building on the north-east corner of Pontiac and Clinton streets, containing nine rooms.

Lots, 150x150 feet.....	\$ 3,000 00
House, furnaces, closets, &c.....	10,500 00
School furniture and apparatus.....	650 00
Text and reference books and supplies.....	100 00
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Total.....	\$14,250 00

FRANKLIN SCHOOL.

A one-story and basement brick building on the north-east corner of Franklin avenue and Huffman street, containing nine rooms.

Lots, 150x180 feet.....	\$ 2,500 00
House, furnaces, closets, &c.....	10,500 00
School furniture and apparatus.....	650 00
Text and reference books and supplies.....	50 00
	<hr/>
Total.....	\$13,700 00

LAKE SIDE SCHOOL.

A two-story and basement brick building on the north-east corner of Rivermet and Oneida streets, containing eight rooms.

Lots, 135x150 feet.....	\$ 2,400 00
House, furnaces, closets, &c.....	19,350 00
School furniture and apparatus.....	500 00
Text and reference books and supplies.....	100 00
	<hr/>
Total.....	\$22,350 00

SOUTH WAYNE SCHOOL.

A two-story and basement brick building on the north-east corner of Cottage and Indiana avenues, containing four rooms.

Lots, 160x142 feet.....	\$ 1,250 00
House, furnaces, closets, &c.....	12,500 00
School furniture and apparatus.....	500 00
Text and reference books and supplies.....	100 00
	<hr/>
Total.....	\$14,350 00

EAST GERMAN SCHOOL.

In the Harmer school building.

School furniture and apparatus.....	
Text and reference books and supplies.....	\$30 00
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Total.....	\$30 00

WEST GERMAN SCHOOL.

Two rented rooms in a two-story brick building on Webster street, east side, south of Washington street.

School furniture, &c.....	\$300 00
Text and reference books and supplies.....	30 00
Total.....	\$330 00

Total Value of School Property.

High School.....	\$ 69,800 00
Jefferson School.....	30,300 00
Clay School.....	42,300 00
Hoagland School.....	17,750 00
Hanna School.....	20,250 00
Washington School.....	23,250 00
Bloomington School.....	26,750 00
Harmer School.....	31,350 00
Miner Street School.....	21,500 00
Holton Avenue School.....	14,300 00
Nebraska School.....	14,300 00
McCulloch School.....	13,750 00
Hamilton School.....	14,250 00
Franklin School.....	13,700 00
Lakeside School.....	22,350 00
South Wayne School	14,350 00
East German School.....	30 00
West German School	330 00
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Total.....	\$366,060 00

